AD-A277 391

# FY 1995 BUDGET ESTIMATES

## AIR NATIONAL GUARD





94-09241

FY 1995
MILITARY CONSTRUCTION
PROGRAM

94 3 24 026

Justification Data Submitted to Congress February 1994

# DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1995

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# SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM - FY 1995

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT	DD FORM 1391 PAGE NO.
Alabama	Birmingham Municipal Airport (ANG) Aircraft Parking Apron and Hydrant Refueling System Communications Facility And to and Alter Squadron Operations Facility Upgrade Drainage System	15,000 1,700 1,100 2,500	b - 3 b - 6 b - 9 b - 11
	Dannelly Field Air National Guard Replace Underground Fuel Storage Tanks	<u>700</u>	b - 16
	Sub-total Alabama	21,000	
Arkansas	Ft Smith Municipal Airport ANG Replace Underground Fuel Storage Tanks Sub-total Arkansas	<u>440</u> 440	b <b>-</b> 20
California	Fresno Air National Guard Base Site Restoration	3,500	b - 24
	Moffett Field ANG Alter Vehicle Maintenance Facility	400	b - 187
	North Highlands ANG Station Replace Underground Fuel Storage Tanks Sub-total California	<u>400</u> 4,300	b - 187
Colorado	Buckley Air National Guard Base Aircraft Wash and Deicing Apron Add to and Alter Fuel Systems	400	b - 187
	Maintenance Facility Sub-total Colorado	<u>1,300</u> 1,700	b - 33

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT	DD FORM 1391 PAGE NO.
Georgia	Robins Air Force Base B-1 Consolidated Aircraft Support and Hydrant Systems	9,400	b - 38
	Alter B-1 Maintenance Hanger and Shops	2,950	b - 40
	B-1 Hangar Complex	8,400	b - 42
	Sub-total Georgia	20,750	
Hawaii	Hickam Air Force Base Replace Underground Fuel Storage Tanks	1,000	b <b>-</b> 46
	Sub-total Hawaii	1,000	
Idaho	Boise Air Terminal (Gowen Field) Upgrade Base Drainage Sub-total Idaho	<u>380</u> 380	b - 187
	Site 94-03 Aircraft Deicing Apron Fuel Systems Maintenance and Corrosion Control Facility Fire Station and AGE Shop Sub-total Site 94-03	400 5,200 1,950 7,550	b - 188 b - 52 b - 55
Kansas	Forbes Field ANG Site Restoration and Fuel Storage Tank Removal Upgrade Sanitary Sewer System Sub-total Kansas	2,950 <u>670</u> 3,620	b - 60 b - 62
Kentucky	Standiford Field ANG Fuel Cell and Corrosion Control Facility Sub-total Kentucky	<u>2,950</u> 2,950	b - 67
Maine	Bangor International Airport Replace Underground Fuel Storage Tanks Refueling Vehicle Maintenance Facility Sub-total Maine	840 379 1,219	b - 72 b - 188

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT	DD FORM 1391 PAGE NO.
Michigan	Alpena County Regional Airport Replace Underground Fuel Storage Tanks Regional Firemen Training	385	b - 188
	Facility	750	b - 76
	Selfridge Air National Guard Base Upgrade Heating Systems Upgrade Storm Drainage	5,400	b - 80
	System	840	b - 83
	W K Kellogg Airport Fire Station and Aircraft Support Equipment Shop	1,600	b - 87
	Sub-total Michigan	8,975	
Missouri	Jefferson Barracks ANG Station Replace Fuel Tanks and Upgrade Refueling Vehicle/Paint Booth	500	b - 92
	Lambert St Louis IAP ANG Replace Underground Fuel Storage Tanks	440	b - 97
	•	<del></del>	B - 37
	Sub-total Missouri	940	
Montana	Great Falls International Airport Add to and Alter Fuel Cell and Corrosion Control Hangar Sub-total Montana	ANG  1,150  1,150	b - 101
Nebraska	Lincoln Municipal Airport (ANG) Parking Apron and Hydrant Refueling System Replace Underground Fuel Storage Tanks	14,274 500	b - 105 b - 108
	Sub-total Nebraska	14,774	
New Jersey	McGuire Air Force Base Replace Underground Fuel Storage Tanks	1,000	b - 112
	Sub-total New Jersey	1,000	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT	DD FORM 1391 PAGE NO.
New Mexico	Kirtland Air Force Base Replace Underground Fuel Storage Tanks	900	b - 116
	Sub-total New Mexico	900	
New York	Hancock Field ANG Replace Underground Fuel Storage Tanks	580	b - 120
	Niagara Falls International Airport Replace Underground Fuel Storage Tanks	640	b - 124
	Sub-total New York	1,220	
North Carolina	Charlotte/Douglas Internat'l Airpo Replace Underground Fuel Storage Tanks	rt <u>690</u>	b - 128
	Sub-total North Caroli	na 690	
Ohio	Mansfield Lahm Airport ANG Replace Underground Fuel Storage Tanks	770	b - 132
	Springfield Beckley Municipal Apt Replace Underground Fuel Storage Tanks Add to and Alter Fuel Cell and Corrosion Control Facility	400 1,250	b - 188 b - 136
	Toledo Express Airport ANG Aircraft Deicing Apron	320	b - 189
	Sub-total Ohio	2,740	
Oklahoma	Tulsa International Airport Replace Underground Fuel Storage Tanks	700	b - 142
	Sub-total Oklahoma	700	
Oregon	Portland International Airport Site Restoration	1,700	b - 146
	Sub-total Oregon	1,700	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT	DD FORM 1391 PAGE NO.
Pennsylvania	Ft Indiantown Gap ANG Station Replace Underground Fuel Storage Tanks	1,800	b - 151
	Pittsburgh Int'l Apt ANG Replace Underground Fuel Storage Tanks	500	b - 155
	Harrisburg IAP Olmstead Fld Replace Underground Fuel Storage Tanks	690	b - 159
	Willow Grove Air Reserve Facility Replace Underground		
	Fuel Storage Tanks	<u>470</u>	b - 163
	Sub-total Pennsylvania	3,460	
Utah	Salt Lake City Internat'l Apt ANG Aircraft Washrack and Deice Facility	400	b - 189
	Sub-total Utah	400	
West Virginia	EWVRA Shepherd Field ANG Replace Underground Fuel Storage Tanks Sub-total West Virgini	<u>500</u> .a 500	b - 169
Wisconsin	General Mitchell International Air Replace Central heat Plant	port 800	b - 173
	Truax Field Add to and Alter Aircraft Support Equipment shop/Storage	340	b - 189
	Volk Field Air National Guard Base Regional Firemen Training Facility	700	b - 179
	Sub-total Wisconsin	1,840	
	SUB-TOTAL INSIDE THE UNITED STATES	105,898	

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT	DD FORM 1391 PAGE NO.
	OUTSIDE THE UNITED STA	TES	
Puerto Rico	Puerto Rico IAP Replace Underground Fuel Storage Tanks Add to and Alter Aircraft	590	b - 183
	Corrosion Control Facility	<u>750</u>	b - 185
	Sub-total Puerto Rico	1,340	
	SUB-TOTAL OUTSIDE THE UNITED STATE	s 1,340	
	SUB-TOTAL - ALL BASES	107,238	
	PLANNING AND DESIGN	11,532	b - 190
	UNSPECIFIED MINOR CONSTRUCTION	4,000	b - 193
	SUB-TOTAL - SUPPORT COSTS	15,532	
	GRAND TOTAL	122,770	

# SUMMARY PROJECT LIST AIR NATIONAL GUARD NEW MISSION VERSUS CURRENT MISSION - FY 1995

LOCATION	PROJECT	COST (\$000)	NEW/ CURRENT.
Birmingham MAP AL	Aircraft Parking Apron and Hydrant Refueling System Communications Facility Add to and Alter Squadron	15,000 1,700	N N
	Operations Facility Upgrade Drainage System	1,100 2,500	N C
Dannelly Field ANG AL	Replace Underground Fuel Storage Tanks	700	c
Ft Smith MAP AR	Replace Underground Fuel Storage Tanks	440	С
Fresno ANGB CA	Site Restoration	3,500	С
Moffett Fld CA	Alter Vehicle Maintenance Facility	400	c
No Highlands CA	Replace Underground Fuel Storage Tanks	<b>4</b> 00	С
Buckley ANGB CO	Aircraft Wash and Deicing Apron	400	c
	Add to and Alter Euel Systems Maintenance Facility	1,300	С
Robins AFB GA	B-1 Consolidated Aircraft Support and Hydrant Systems Alter B-1 Maintenance Hanger	9,400	N
	and Shops B-1 Hangar Complex	2,950 8,400	N N
Hickam AFB HI	Replace Underground Fuel Storage Tanks	1,000	C
Boise ID	Upgrade Base Drainage	380	С
Site 94-03	Aircraft Deicing Apron Fuel Systems Maintenance and	400	N
	Corrosion Control Facility Fire Station and AGE Shop	5,200 1,950	n

LOCATION	PROJECT	COST (\$000)	NEW/ CURRENT.
Forbes Field KS	Site Restoration and Fuel Storage Tank Removal Upgrade Sanitary Sewer System	2,950 670	c c
Standiford Field KY	Fuel Cell and Corrosion Control Facility	2,950	c
Bangor IAP ME	Replace Underground Fuel Storage Tanks Refueling Vehicle Maintenance Facility	840 379	c
Alpena County Regional Apt MI	Replace Underground Fuel Storage Tanks Regional Firemen Training	385	c
	Facility	750	С
Selfridge ANGB MI	Upgrade Heating Systems Upgrade Storm Drainage System	5,400 840	c c
W K Kellogg MI	Fire Station and Aircraft Support Equipment Shop	1,600	N
Jefferson MO	Replace Fuel Tanks and Upgrade Refueling Vehicle/Paint Boot		С
Lambert St Louis IAP MO	Replace Underground Fuel Storage Tanks	440	С
Great Falls IAP MT	Add to and Alter Fuel Cell and Corrosion Control Hangar	1,150	С
Lincoln MAP NE	Parking Apron and Hydrant Refueling System Replace Underground Fuel Storage Tanks	14,274 500	N C
McGuire AFB NJ	Replace Underground Fuel Storage Tanks	1,000	c
Kirtland AFB NM	Replace Underground Fuel Storage Tanks	900	С
Hancock Field NY	Replace Underground Fuel Storage Tanks	580	c
Niagara Falls IAP NY	Replace Underground Fuel Storage Tanks	640	С

LOCATION	PROJECT	COST (\$000)	NEW/ CURRENT.
Charlotte/Douglas IAP NC	Replace Underground Fuel Storage Tanks	690	c
Mansfield Lahm Apt OH	Replace Underground Fuel Storage Tanks	770	c
Springfield Beckley MAP OH	Replace Underground Fuel Storage Tanks Add to and Alter Fuel Cell and	400	С
	Corrosion Control Facility	1,250	С
Toledo OH	Aircraft Deicing Apron	320	С
Tulsa IAP OK	Replace Underground Fuel Storage Tanks	700	с
Portland IAP OR	Site Restoration	1,700	С
Ft Indiantown Gap ANGS PA	Replace Underground Fuel Storage Tanks	1,800	С
Pittsburgh IAP PA	Replace Underground Fuel Storage Tanks	500	С
Harrisburg IAP Olmstead Fld PA	Replace Underground Fuel Storage Tanks	690	c
Willow Grove Air Reserve Fac PA	Replace Underground Fuel Storage Tanks	<b>4</b> 70	С
Salt Lake City IAP UT	Aircraft Washrack and Deice Facility	400	С
EWVRA Shepherd Field WV	Replace Underground Fuel Storage Tanks	500	С
General Mitchell WI	Replace Central heat Plant	800	C
Truax Field WI	Add to and Alter Aircraft Support Equipment Shop/Storag	ge 340	N
Volk Field ANGB WI	Regional Firemen Training Facility	700	C

LOCATION	PROJECT	COST (\$000)	NEW/ CURRENT.
Puerto Rico IAP PR	Replace Underground Fuel Storage Tanks Add to and Alter Aircraft Corrosion Control Facility	590 750	c c
PLAN	NING AND DESIGN	11,532	
UNSP	ECIFIED MINOR CONSTRUCTION	4,000	
то	TAL NEW MISSION	62,240	
то	TAL CURRENT MISSION	44,998	
GR	AND TOTAL - FY 1995 REQUEST	122.770	

### DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1995

#### **APPROPRIATION**

#### MILITARY CONSTRUCTION, AIR NATIOAL GUARD

#### SECTION 1

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contribution therefor, as authorized by Chapter 133 of Title 10, United States Code, and military construction authorization Acts, \$122,770 to remain available until September 30, 1999. (September 30, 1998)

() Individual FY 95 Appropriation Language

#### SPECIAL PROGRAM CONSIDERATIONS

#### Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

#### Energy Conservation

Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings versus investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

#### Flood Plain Management and Wet Land Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proposed management of flood plains and the protection of wet lands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss of degradation of wellands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11900.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-400, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

#### Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

#### Environmental Protection

In accordance with Section 102(2) (c) of the Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analysis have been or will be prepared for all projects over \$2,000,000.

#### SPECIAL PROGRAM CONSIDERATIONS

(continued)

#### Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

#### Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

#### Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide".

Mil. Con., Air National Guard Program and Financing (in Thousands of dollars)

			Budget Plan CONSTRUCTION	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)	ILITARY amed)	,	Obligations	
Identif	Identification code	57-3830-0-1-051	1993 actual	1994 est.	1995 est.	1993 actual	1994 est.	1995 est.
00.0101	Program by activities: Direct program: Major construction Minor construction	tivities: ram: struction struction	264,859	232,623	107,238	174,601	248,668	185,957
00.0301	Planning		17,700	10.868	11,532	2,910 15,266	5,203 21,243	4,220
10.0001	Total		287,559	247,491	122,770	192,771	275,114	203,747
17.0001	ů.	nancing: Recovery of prior year obligations				-22		
21.4002 21.4009	For comple Reprogram	For completion of prior year budget plans Reprograming from/to prior year budget plans	-32			-174,953	-269,723	-242,100
24.4002 25.0001		Unobligated balance available, end of year: For completion of prior year budget plans Unobligated balance expiring	18,232			269,723 18,232	242,100	161,123
40.0001	Budget autho	40.0001 Budget authority (Appropriation)	305,759	247,491	122,770	305,759	247,491	122,770
	Relation of obligation Obligations incurred Obligated balance, s Obligated balance, et Adjustments in expire Adjustments in unexp	Relation of obligations to outlays: Obligations incurred Obligated balance, start of year Obligated balance, end of year Adjustments in expired accounts (net) Adjustments in unexpired accounts			) 	192,777 233,275 -186,656 -136	275,114 186,656 -193,793	203,747 193,793 -143,176
90.0001	Outlays (net)	(net)				239,237	267,977	254,364
							111111111	11 11 11 11 11 11 11 11

Mil. Con., Air National Guard Object Classification (in Thousands of dollars)

Identification code 57-3830-0-1-051	1993 actual	1994 est.	1995 est.
Direct obligations: 125.101 Consulting Services	625		
Other services with the private sector 125,203 Contracts with the private sector 132,001 Land and structures	22,028	55,513	22,159
199.00} Total Direct obligations	182,063	267,342	194,212
Allocation Accounts 325.101 Consulting Services Other services with the orivate services	20	4	ហ
325.203 Contracts with the private sector 332.001 Land and structures	395 10,299	400	300
399.001 Total Allocation Accounts	10.714	7,772	9,535
999.901 Total obligations	192,777	275,114	203,747
Obligations are distributed as follows: Defense-Military:Army Defense-Military:Army	812	280	329
Defense-Military.Navy Defense-Military.Air Force Department of Transportation United States Information Approx	26,976 159,851 5,138	9,875 260,936	9,164 190,524
Total Obligations	192,171	4,023	3,730
			1 204

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	4. AREA CONSTR
BIRMINGHAM MUI	NICIPAL AIRPORT (ANG), ALABAMA	COST INDEX
	·	0.90
S PPROMENCY	AND TYPE OF HTTITZATION	

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force for training.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 9 Army National Guard Armories, 3 Army Reserve, 1 Marine and Naval Reserve Center
- 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY COST DESIGN STATUS CODE PROJECT TITLE SCOPE (\$000) START CMPL 113-321 AIRCRAFT PARKING APRON AND LS 15,000 JAN 92 JUN 94 HYDRANT REFUELING SYSTEM 131-111 COMMUNICATIONS FACILITY 8,000 SF 1,700 SEP 91 MAY 94 141-753 ADD TO AND ALTER SQUADRON 24,000 SF 1,100 DEC 91 APR 94 OPERATIONS FACILITY 871-183 UPGRADE DRAINAGE SYSTEM 2,500 JAN 93 JUL 94 LS
- 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 28 OCT 93 (Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres) 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000) 124-135 ADD TO JET FUEL STORAGE LS 5,000 171-450 JOINT MEDICAL TRAINING 22,500 SF 2,200 FACILITY (ANG/ARNG) 217-712 ALTER KC 135 AIRCRAFT SHOPS 58,600 SF 4,400 219-944 BASE ENGINEER AND DISASTER 21,700 SF 3,850 PREPAREDNESS FACILITY

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION BIRMINGHAM MUNICIPAL AIRPORT (ANG), ALABAMA

#### 11. PERSONNEL STRENGTH AS OF 7 OCT 93

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	315	6	46	263	1,224	142	1,082
ACTUAL	311	6	45	260	1,149	146	1,003

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
107	REC WG		68	69
106	REC WG		156	137
117	MSS SQ		45	42
117	CAM SQ		423	387
117	TAC HP		50	48
117	REC SQ		82	74
117	CE SQ		124	112
117	SP FLT		57	57
117	COMMFL		21	18
117	RES SQ		120	116
117	MSS FT		38	39
117	SER FT		34	32
117	STU FT		0	13
117	TAC OL		6	5
		TOTALS	1,224	1,149

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
RF-4C Aircraft	18	22
KC-135 Aircraft	10	0
Support Equipment	180	178
Vehicle Equivalents	232	232

1. COMPONENT			2. DATE
	FY 1995 MILITARY CONSTRU	JCTION PROJECT DATA	
ANG	(computer ger	nerated)	
3. INSTALLATION	AND LOCATION	4. PROJECT TITLE	•
BIRMINGHAM MUNIC	IPAL AIRPORT (ANG)	AIRCRAFT PARKING AP	RON AND
ALABAMA		HYDRANT REFUELING S	YSTEM
5. PROGRAM ELEME	NT 6. CATEGORY CODE 7. PI	ROJECT NUMBER 8. PROJ	ECT COST(\$000)

55296F 113-321 BRKR919601 \$15,000

COST ESTIMATES UNIT COST U/M QUANTITY COST (\$000) ITEM AIRCRAFT APRON AND HYDRANT REFUELING LS 11,627 SY 88,000 AIRCRAFT PARKING APRON 95 8,360) SY TAXIWAYS WITH LIGHTS 10,000 80 800) HYDRANT SYSTEM AND JET FUEL LINE LS 1,700) SF OPERATIONS FACILITY 1,650 135 ( 223) OPERATING TANK BL 3,750 145 544) SUPPORTING FACILITIES 1,970 UTILITIES LS 1,350) 400) SITE IMPROVEMENTS LS LS DEMOLITION 220) SUBTOTAL 13,597 CONTINGENCY (5%) 680 TOTAL CONTRACT COST 14,277 SUPERVISION, INSPECTION AND OVERHEAD (5%) <u>714</u> TOTAL REQUEST 14,991

- 10. Description of Proposed Construction: Concrete apron with taxi lanes. All utility systems to include hydrant pits and apron/taxiway lighting and drainage. Demolish Building 111 (11,200 SF), sound suppressor foundation and 48,500 SY of substandard apron.
- 11. REQUIREMENT: 98,000 LS ADEQUATE: 0 SUBSTANDARD: 48,500 LS PROJECT: Aircraft Parking Apron and Hydrant Refueling System (New Mission).

<u>REQUIREMENT</u>: This project supports the conversion from 18 RF-4C aircraft to 10 KC-135 aircraft in 1995. An adequately sized aircraft parking apron with the proper strength and a hydrant refueling system are required to operate a squadron of KC 135 aircraft.

CURRENT SITUATION: The concrete apron designed for fighter aircraft is not strong enough nor properly configured to accommodate the weight and clearances of the KC-135 aircraft. Airfield clearance criteria precludes the use of much of the existing area due to the increased size and parking requirements of the KC-135 aircraft. A hydrant refueling system does not exist. The taxiway is not wide enough or strong enough to support the much heavier aircraft. In the interim, the aircraft will be parked on the opposite side of the runway on the airport authority ramp. There is no support on the commercial side. This will require refueler trucks to transit from the fuel storage area to the far side of the field creating the potential for accidents and/or fuel spills. This will also interfere with civilian operations on the far side of the field. It will cause the maintenance functions to transit from their facilities to perform tests, repairs and maintenance remote from the normal work areas.

TOTAL REQUEST (ROUNDED)

15,000

1. COMPONENT FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG (computer generated)	
3. INSTALLATION AND LOCATION	
BIRMINGHAM MUNICIPAL AIRPORT (ANG) ALABAMA	
	. PROJECT NUMBER
AIRCRAFT PARKING APRON AND HYDRANT REFUELING SYSTEM	BRKR919601
and repairs due to remote work areas. Safety problems work temporary areas and from increased vehicle traffic to remot airfield. Possible interference with civilian operations. reach full operational capability.  ADDITIONAL: A life cycle economic analysis has been perfor all reasonable options for accomplishing this project. The indicates the new construction is the most economical alter other options exist.	e areas of Unable to med comparing analysis
_	

COMPONI	ENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
1G		(computer generated)	
	ATIO	ON AND LOCATION	· · · · · · · · · · · · · · · · · · ·
T DMT NCUAL	e Mith	ITCIDAL ATDDODT (ANC) ALADAMA	
PROJECT		HICIPAL AIRPORT (ANG) ALABAMA	. PROJECT NUMBER
RCRAFT	PARKI	NG APRON AND HYDRANT REFUELING SYSTEM	BRKR919601
2. SUPPI	LEMEN	TTAL DATA:	
a. Est	imate	ed Design Data:	
(1)	Sta	itus:	
		Date Design Started	92 JAN 23
		Percent Complete as of Jan 94	35%
		Date 35% Designed Date Design Complete	93 DEC 01 94 JUN 15
	(4)	Date Design Complete	34 00N 13
(2)	Bas		
		Standard or Definitive Design -	
	(0)	Where Design Was Most Recently Used -	
(3)	Tot	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000
		Production of Plans and Specifications	550
		All Other Design Costs	253
		Total Contract	803 803
		In-house	303
(4)	Con	nstruction Start	95 JUN
. Equip :her app:		associated with this project will be provided lations: N/A	from
nici app			

1. COMPONENT			2. DATE
	FY 1995 MILITARY CO	INSTRUCTION PROJECT DATA	,
ANG	(compute	er generated)	
3. INSTALLATIO	ON AND LOCATION	4. PROJECT TITLE	

BIRMINGHAM AIRPORT (ANG) ALABAMA COMMUNICATIONS FACILITY

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)

55296F BRKR001536 \$1.700

9. COST ESTIMAT	ES			i
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
COMMUNICATIONS FACILITY	SF	8,000	130	1,040
SUPPORTING FACILITIES	-	[		490
UTILITIES	LS			( 75)
PAVEMENTS	LS	ļ ļ		( 50)
SITE IMPROVEMENTS	LS			( 20)
PRE-WIRED WORK STATIONS	LS	,		( 65)
DEMOLITION/ASBESTOS REMOVAL	LS			( 30)
ALTER MISCELLANEOUS BUILDINGS	LS	\		(250)
SUBTOTAL				1,530
CONTINGENCY (5%)				77
TOTAL CONTRACT COST				1,607
SUPERVISION, INSPECTION AND OVERHEAD (5%)		Ì		80
TOTAL REQUEST		]		1,687
TOTAL REQUEST (ROUNDED)	1	ì		1,700
1				
	1	] }		
		[		
	1	l i		ļ

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, concrete floor, built-up roof, tile flooring, gypsum ceilings, lighting, heating, cooling, and secure areas. Demolish Building 301 (2,250 SF). Another 4 existing buildings will be altered to support other base functions.

Air Conditioning: 20 Tons.

11. REQUIREMENT: 8,000 SF ADEQUATE: 0 SUBSTANDARD: 5,429 SF

PROJECT: Communications Facility (New Mission).

REQUIREMENT: This project supports the coversion from 18 RF-4C to 10 KC-135 in 1995. The base requires Secure AUTODIN and vault, telephone switching, data automation center, equipment maintenance area, and office space for supervision and customer service.

CURRENT SITUATION: The communications center is housed in a crowded portion of the operations and training facility. The communications function is 67% short of space. The space shortage has become acute by the conversion to the KC-135. Now there is a need for more secure communication space. The communications functions are spread out in four separate buildings. The space in the operations and training facility cannot be expanded without displacing other functions. The operations and training functions need to remain as they are related. Space within the other buildings creates an inadequate situation. All functions need to be consolidated and expanded such that effective command and control can be maintained. The communication facility does not present a quality work place. There is insufficient storage space. Command, control and supervision are poor. One building, a 1942 vintage facility, will be demolished.

IMPACT IF NOT PROVIDED: Lack of centralized information systems

. COMPONENT	FY 1995 MILITARY CONST		2. DATE
NG	N AND LOCATION	enerated)	
. INSTALLATIO	N AND LOCATION		
	PORT (ANG) ALABAMA		
. PROJECT TIT	LE	5	. PROJECT NUMBE
OMMUNICATIONS	FACILITY		BRKR001536
ill continue raining oppor	fused storage, and ineffect to have a detrimental effective contains an apability.	ect on the entire bas	se. Lost

ANG		FY 1995 MILITARY CONSTRUCTION PROJECT DAT.  (computer generated)	A
3. INSTALI	OITA	N AND LOCATION	
BIRMINGHAN	1 AIR	PORT (ANG) ALABAMA	
4. PROJECT	TIT	LE	5. PROJECT NUMBE
COMMUNICAT	CIONS	FACILITY	BRKR001536
12. SUPPL	LEMEN	TAL DATA:	
a. Esti	lmate	d Design Data:	
(1)	Sta	tus:	
• •		Date Design Started	91 SEP 1
		Percent Complete as of Jan 94	65
		Date 35% Designed	93 AUG 1
	(d)	Date Design Complete	94 MAY (
(2)	Bas		
		Standard or Definitive Design -	
	(b)	Where Design Was Most Recently Used -	
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$00
		Production of Plans and Specifications	8
		All Other Design Costs	•
	• •	Total	12
		Contract In-house	12
(4)	, -	struction Start	95 A
( ' '			
b. Equipm		associated with this project will be provide ations: N/A	ed from
b. Equipm			d from
b. Equipm			ed from
b. Equipm			d from
b. Equipm			ed from
b. Equipm			d from
b. Equipm			ed from
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b. Equipm			ed from
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b. Equipm			ed from
b. Equipm			ed from

1. COMPONENT				-	- '	DATE	, — <del>— </del>
FY 1995 MILITARY CONSTRUCTION PROJ					A		
ANG	(compute	er generate	<u>ed)</u>				
3. INSTALLATION AND				JECT TITL			
BIRMINGHAM MUNICIPA	AL AIRPORT (ANG)	I		AND ALTE	-	ИС	
ALABAMA				<u>IONS FACI</u>			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	וטא :	MBER 8.	PROJECT (	COST(	\$000)
55296F	141-753	BRKR929				\$1,10	00
	9cos:	r estimates		<del></del>	<del></del>		
					UNIT	1	ST
	ITEM			QUANTITY	COST	(\$0	000)
ADD/ALTER SQUADRON	OPERATIONS FACIL	ITY	SF	24,000			793
ADD SECURE VAULT			SF	400	330		
ALTER SQUADRON OF			SF	23,600	28		661)
SUPPORTING FACILIT	IES						165
UTILITIES		i	LS	ļ			30)
PAVEMENTS			LS		ŀ	(	10)
SITE IMPROVEMENTS	5	I	LS			(	5)
PRE-WIRED WORK ST	<b>TATIONS</b>		LS			(	120)
SUBTOTAL			1		}	1	958
CONTINGENCY (10%)				i		l ·	96
TOTAL CONTRACT COST					1	]	1,054
SUPERVISION, INSPECTION AND OVERHEAD (5%)						_	53
TOTAL REQUEST						] ]	1,107
TOTAL REQUEST (ROU	NDED)		ĺ			1	1,100
				1	1		

10. Description of Proposed Construction: Addition: Reinforced concrete foundation and floor slab, masonry walls, steel structure, metal pan roof, and roofing membrane. Alteration: Relocate walls and utilities. Exterior of building to match existing. Provide utilities, pavements and site improvements. Provide systems furniture.

Air Conditioning: 5 Tons.

11. REQUIREMENT: 24,000 SF ADEQUATE: 0 SUBSTANDARD: 23,600 SF PROJECT: Add to and Alter Squadron Operations Facility (New Mission). REQUIREMENT: This project supports the conversion from 18 RF-4C aircraft to 10 KC-135 aircraft in 1995. An adequately sized and properly configured squadron operations facility is required for aircrew members, flight planning and management, operations office, contingency operations, combat crew navigators, boom operators, and training.

CURRENT SITUATION: The squadron operations building is configured to support RF-4C aircraft. It does not have a vault and classified information cannot be stored in the building. It is not configured for the KC-135 mission which is much different than the existing mission. The building requires interior reconfiguration since some rooms are too small while others are too large to meet the needs of the new functions. Provisions for classified briefings are not adequate. There are no rooms for navigators and boom operators.

IMPACT IF NOT PROVIDED: The mission cannot be accomplished without violating the security of classified plans. Unable to reach full operational capability. Severely crowded space impact negatively on training and readiness. Inefficient operations. Loss of training opportunities.

NG TNS	TATI	ATTO	(computer generated) N AND LOCATION		<del></del>
. INS	IALL	AIIU	N AND LOCATION		
			ICIPAL AIRPORT (ANG) ALABAMA		
. PRO	JECT	TIT	LE 5.	PROJEC:	r numbei
DD TO	AND	ALT	ER SQUADRON OPERATIONS FACILITY	BRKR929	9503
2. S	UPPL	EMEN	TAL DATA:		
	Esti	mate	d Design Data:		
	(1)	Sta	tus:		
			Date Design Started	9:	1 DEC 1
			Percent Complete as of Jan 94		955
			Date 35% Designed		3 JUN 0
		(d)	Date Design Complete	94	4 APR 0
	(2)	Bas			
			Standard or Definitive Design -		
		(6)	Where Design Was Most Recently Used -		
	(3)		al Cost (c) = (a) + (b) or (d) + (e):		(\$00
			Production of Plans and Specifications		4:
			All Other Design Costs		21
			Total Contract		7: 7:
			In-house		
	(4)	Con	struction Start		95 AU
	_		associated with this project will be provided ations: N/A	from	
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1. COMPONENT									2.	DATE
	FY 1995 MILITARY CONSTRUCTION PROJECT DATA						1	1		
ANG		(comp	uter	generat	ed)					
3. INSTALLATI	ON ANI	LOCATION		4.	PRO	JECT :	TITLE	2	•	
BIRMINGHAM MU	NICIPA	AL AIRPORT (ANG	)							
ALABAMA				UP	GRAD	E DRA	INAGE	SYST	CEM	
5. PROGRAM EL	EMENT	6. CATEGORY CO	DE   7.	PROJEC	T NU	MBER	8. I	ROJE	CT	COST(\$000
55256F		871-183		BRKR92	<u>9882</u>	<u>.                                      </u>				2,500
·		9. CC	OST E	ESTIMATE	S					
								UNIT	ľ	COST
<del></del>		ITEM			U/M	QUAN	CITY	COST	[]	(\$000)
UPGRADE DRAIN	AGE SY	(STEM			LS	ł				1,800
SUPPORTING FA	CILIT	ES				İ				350
UTILITIES					LS		1			( 100)
<b>PAVEMENTS</b>					LS					( 50)
SITE IMPROV	EMENTS	3			LS	1				(200
SUBTOTAL										2,150
CONTINGENCY (	10%)					}	í			215
TOTAL CONTRACT COST									2,365	
SUPERVISION, INSPECTION AND OVERHEAD (5%)					}				118	
TOTAL REQUEST									2,483	
TOTAL REQUEST (ROUNDED)					(				2,500	
						ĺ				
					1	I				

10. Description of Proposed Construction: Upgrade concrete storm drain culvert. Construct a series of flood control ponds and piping to contain, divert, and meter storm water. Extend and relocate utilities and make site improvements.

11. REQUIREMENT: As required.

PROJECT: Upgrade Drainage System (Current Mission).

<u>REOUIREMENT</u>: This is a level II environmental compliance project. properly sized and environmentally correct controlled storm water containment and disposal system is required to prevent the flooding of the base facilities, including the aircraft apron, and the pollution of the base and the adjacent canals that could happen during a flood. **CURRENT SITUATION:** The storm water collection system was constructed prior to World War II and has deteriorated beyond repair. The concrete culvert structures have spalled to the extent that the reinforcing rods are exposed. This accelerates the deterioration and leads to a rapid loss of strength in the concrete structures. Some of the concrete structures are braced with wood timbers to prevent collapse. Storm water retention/flood control ponds and storm water pipes are not correctly sized due to increased development over the years which has resulted in increased runoff. Oil/water separators are being bypassed due to excessive flows resulting in environmental problems. The larger aircraft parking ramp, that will be constructed to support the conversion from RF-4C to KC-135 aircraft will result in a much larger storm water flow that will further overtax the existing storm water control system. Should a 100 year flood occur, the large majority of the base flight line areas would be under water.

IMPACT IF NOT PROVIDED: Flooding of facilities will become more frequent.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION	ON PROJECT DATA
ANG	(computer general	
3. INSTALLATION	ON AND LOCATION	
BIRMINGHAM MU	NICIPAL AIRPORT (ANG) ALABAMA	
4. PROJECT TI	<b>PLE</b>	5. PROJECT NUMBER
UPGRADE DRAIN	AGE SYSTEM	BRKR929882

Environmental statutes will be violated. Deteriorated system will continue to fail at a more frequent rate causing disruption of unit operations and training. The flight line will be shut down. ADDITIONAL: A life cycle economic analysis has been performed comparing all reasonable options for accomplishing this project. The analysis indicates the renovation is the most economical alternative.

TREPORT S	ATTO	(computer generated) N AND LOCATION	
o. INSTAM	WIIO	N AND LOCATION	
		ICIPAL AIRPORT (ANG) ALABAMA	
PROJEC	r tit	LE [	5. PROJECT NUMBER
IDCDADE DI	DA TRIA	GE SYSTEM	PDVD030003
PGRADE D	CALMA	GE SISIEM	BRKR929882
12. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
(1)	Sta	tus:	
		Date Design Started	93 JAN 22
		Percent Complete as of Jan 94	65%
		Date 35% Designed Date Design Complete	93 JUN 15 94 JUL 01
	(4)	Pare profit complete	34 200 01
(2)	Bas		
		Standard or Definitive Design -	
	(b)	Where Design Was Most Recently Used -	
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$000
***		Production of Plans and Specifications	110
		All Other Design Costs	50
		Total	160
	• -	Contract	160
	(e)	In-house	
(4)	Con	struction Start	95 MAY
		associated with this project will be provided	i from
ther app	ropri	ations: N/A	

1. COMPONENT	FY 1995 GUARD AND RESERVE	2.	DATE
ANG	MILITARY CONSTRUCTION		
3. INSTALLATIO	ON AND LOCATION	4.	AREA CONSTR
DANNELLY FIELD	) AIR NATIONAL GUARD, ALABAMA		COST INDEX
			0.79
5. FREQUENCY	AND TYPE OF UTILIZATION		
Twelve monthly	assemblies per year, 15 days annual fiel	d training	g per
	se by technician/AGR force and for training		

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Active AFB, 1 Marine Reserve, 1 Naval Reserve, 3 Army Reserves, 5 Army National Guard Units and 2 Air National Guard Units

CATEGORY				cost	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE		(\$000)	START	CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS		LS	700	NOV 91	APR 93

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION 28 SEP 93 Unilateral Construction Approved (Date) A TAND ACCUITETTION PROLITORD

9. LAND	ACQUISITION REQUIRED	None			I
<u> </u>			(Numb	er of Acre	:s)
10. PROJ	ECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY	•		COST		
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>		ĺ
171-445	OPERATIONS AND TRAINING FACILITY	20,000 SI	3,900		
171-450	COMPOSITE MEDICAL TRAINING FACILITY	24,800 SI	2,050		
216-642	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SE	4,500		
442-758	UPGRADE SUPPLY AND CIVIL ENGINEER FACILITY	63,800 SI	2,700		
610-287	ANG STATE HEADQUARTERS	3,900 SI	700		1
730–142	FIRE STATION	9,100 SI			ļ

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION DANNELLY FIELD AIR NATIONAL GUARD, ALABAMA

#### 11. PERSONNEL STRENGTH AS OF 7 OCT 93

] •	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	282	8	43	231	1,042	98	944
ACTUAL	272	7	42	223	1,022	107	915

#### 12. RESERVE UNIT DATA

			STRENGTH				
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL			
160	FS SQ		50	53			
187	MSS SQ		80	74			
187	CLINIC		31	32			
187	GP HQ		57	58			
187	CAM		462	405			
187	CE SQ		127	114			
187	WSSF		57	58			
187	RMS		121	115			
187	COM FT		20	20			
187	MSS		37	36			
187	STU FT		0	57			
		TOTALS	1,042	1,022			

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	18	20
Support Equipment	194	225
Vehicle Equivalents	120	120

1. COMPONENT			2. DATE				
	FY 1995 MILITARY CONSTRUCTION PROJECT DATA						
ANG	(compute	er generated)					
3. INSTALLATION A	3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
DANNELLY FIELD AIR	DANNELLY FIELD AIR NATIONAL GUARD REPLACE UNDERGROUND						
ALABAMA		FUEL STORAG	E TANKS				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)				
55256F	124-135	FAKZ909617	\$700				
9. COST ESTIMATES							

1 9. COST ESTIMAT	CES			1
ITEM	U/M	QUANTITY	UNIT	COST (\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS SUPPORTING FACILITIES UTILITIES PAVEMENTS SITE RESTORATION SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)	LS LS LS LS			475 130 ( 10) ( 10) ( 110) 605 61 666 33 699 700

10. Description of Proposed Construction: Replace 17 tanks (including 4 at Hall Air National Guard Station) and remove only 9 others. Excavate and remove the tanks. Dispose of the tanks, tank residue, and the contaminated soil. Restore the sites.

REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The tanks have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the bases are subject to Notice of Violations by the Federal and/or State EPA.

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT	2. DATE
ANG	(computer generated)	
3. INSTALLATIO	ON AND LOCATION	
	AIR NATIONAL GUARD ALABAMA	
4. PROJECT TIT	LE	5. PROJECT NUMBER
REPLACE UNDERG	ROUND FUEL STORAGE TANKS	FAKZ909617
12. SUPPLEMEN	TTAL DATA:	
a. Estimate	ed Design Data:	
(1) Sta		
	Date Design Started	91 NOV 08
	Percent Complete as of Jan 94	100%
	Date 35% Designed	92 SEP 01
(a)	Date Design Complete	93 APR 22
(2) Bas		
	Standard or Definitive Design -	
(b)	Where Design Was Most Recently Used -	
(3) Tot	cal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
(a)	Production of Plans and Specifications	40
	All Other Design Costs	25
	Total	65
	Contract	65
(e)	In-house	
(4) Cor	struction Start	95 APR
	associated with this project will be pro	ovided from
otner appropri	lations: N/A	
ĺ		

1. COMPONENT ANG	FY 1995 GUARD AN MILITARY CONST			2. DATE	
3. INSTALLATION FT SMITH MUNICI	I AND LOCATION PAL AIRPORT ANG, ARKANS	AS		COST	CONSTR INDEX 96
Twelve monthly	ID TYPE OF UTILIZATION assemblies per year, 15 by technician/AGR forc			ning per	•
	GUARD/RESERVE INSTALLA Guard Armories, 1 Army				enter
7. PROJECTS REC CATEGORY CODE	UESTED IN THIS PROGRAM:	FY 1995 SCOPE	COST (\$000)	DESIGN START	
124-135 REPLAC		LS		NOV 91	
	/E FORCES FACILITIES BOA		ON	21 OCT	
	l Construction Approved			(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PICATEGORY	TION REQUIRED  ANNED IN NEXT FOUR YEAR	None	COST		e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI CATEGORY CODE	TION REQUIRED  ANNED IN NEXT FOUR YEAR  PROJECT TITLE	None S <u>SCOPE</u>	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI CATEGORY  CODE  216-642 MUNITI	TION REQUIRED  ANNED IN NEXT FOUR YEAR	None	COST	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI CATEGORY CODE  216-642 MUNITI	TION REQUIRED  ANNED IN NEXT FOUR YEAR  PROJECT TITLE  ONS MAINTENANCE AND	None S <u>SCOPE</u>	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI CATEGORY CODE  216-642 MUNITI	TION REQUIRED  ANNED IN NEXT FOUR YEAR  PROJECT TITLE  ONS MAINTENANCE AND	None S <u>SCOPE</u>	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI CATEGORY CODE  216-642 MUNITI	TION REQUIRED  ANNED IN NEXT FOUR YEAR  PROJECT TITLE  ONS MAINTENANCE AND	None S <u>SCOPE</u>	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PI CATEGORY CODE  216-642 MUNITI	TION REQUIRED  ANNED IN NEXT FOUR YEAR  PROJECT TITLE  ONS MAINTENANCE AND	None S <u>SCOPE</u>	COST (\$000)	(Dat	e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION

FT SMITH MUNICIPAL AIRPORT ANG, ARKANSAS

#### 11. PERSONNEL STRENGTH AS OF 30 JUN 93

	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
<b>AUTHORIZED</b>	277	7	46	224	1,065	108	957
ACTUAL	272	7	46	219	1,027	112	915

#### 12. RESERVE UNIT DATA

			STRENGTH	
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
188	SVF		25	23
184	FS		49	54
188	MSS		45	41
188	CAMS		460	432
188	FG		59	58
188	CL		69	69
188	MSF		38	40
188	CES		136	124
188	SPF		57	60
188	DET1		8	8
188	RMS		119	118
		TOTALS	1,065	1,027

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-16 A/B Aircraft	18	21
C-12 Aircraft	1	1
Support Equipment	121	112
Vehicle Equivalents	252	270

1 401/2017											2102
1. COMPONENT	-	. 100E MTI TO	DW 66	\***		w 55		D.4.5.4	!	2.	DATE
ANG	1.7	7 1995 MILITA					DIECT	DATA	١		
ANG   3. INSTALLATI	ON ANT		ompute	er ge	nerat		TPCT 1	DYMI E	,		· · · · · · · · · · · · · · · · · · ·
3. INSTALLATI	ON ANI	LOCATION					JECT :				
REPLACE UNDERGROUND FT SMITH MUNICIPAL AIRPORT ANG ARKANSAS FUEL STORAGE TANKS											
5. PROGRAM EL										·T (	TOST(\$000)
J. IROGRAM BL	Bribit	O. CRIEGUAL	CODE	, . <u>.</u>	ROJ EC	1 1101	IDER	۰. ۱	KOJE	) T (	3031(\$000)
56256F		124-135		Ħ	KRZ90	9635		1			\$440
					IMATE						<u> </u>
								- 1	UNIT	[	COST
		ITEM				U/M	QUAN	rity	cos	C	(\$000)
REPLACE UNDER	GROUNI	FUEL STORAG	GE TAN	TKS		LS					320
SUPPORTING FA	CILIT	ES				Ì					64
UTILITIES						LS	l				(8)
PAVEMENTS						LS		Î			( 8)
SITE RESTOR	ATION					LS					(48)
SUBTOTAL						ļ	ļ				384
CONTINGENCY (		_				İ	[				38
TOTAL CONTRAC							İ				422
SUPERVISION,		CTION AND OV	ERHEAL	) (5%	()		1				
TOTAL REQUEST						l l	ļ .				443
TOTAL REQUEST	( KOUI	NDED)					1				440
							<b>[</b>				1
											Į
1						1	l				i.

10. Description of Proposed Construction: Replace 8 tanks and remove one only. Excavate and remove the tanks. Dispose of the tanks, tank residue, and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). **REQUIREMENT:** This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to notice of violation by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage could have the potential to contaminate the soil and aquifer. The

ANG training could be curtailed and the ANG could receive unfavorable

publicity.

		AND LOCATION		
		PAL AIRPORT ANG ARKANSAS	777777	30 3000
. PROJEC	r TITL	E	5. PROJEC	CT NUMBER
EPLACE U	VDERGR	OUND FUEL STORAGE TANKS	HKRZ90	09635
2. SUPP	LEMENT	AL DATA:		
a. Est	lmated	Design Data:		
(1)	Stat	us:		
		Date Design Started	Ġ	91 NOV 08
		Percent Complete as of Jan 94		100%
		Date 35% Designed Date Design Complete		93 JAN 29 93 MAY 01
	(4)	Date Design Complete	,	,3 LWI 01
(2)	Basi	s:		
		Standard or Definitive Design -		
	(b)	Where Design Was Most Recently Used -		
(3)	Tota	1 Cost (c) = (a) + (b) or (d) + (e):		(\$000
	(a)	Production of Plans and Specifications		22
		All Other Design Costs		8
		Total		30
		Contract In-house		30
	(6)	111-110436		
(4)	Cons	truction Start		95 MAY
•				
		ssociated with this project will be provided	d from	
	ropria	tions: N/A		
cher app				
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. COMPONEN	TT		GUARD AND R				2. DATI	2
	TION A	ND LOCATION					4. AREA	CONST
RESNO AIR	TERMIN	AL (ANG), CALI	FORNIA				1	INDEX
				· · · · · · · · · · · · · · · · · · ·			11	21
welve mont	hly as	TYPE OF UTILIZ semblies per y ight use by to	vear, 15 da					r
Army Nati	onal G	UARD/RESERVE 1 uard, 1 Army F 1 Coast Guard	Reserve, 1				-	ine
. PROJECTS	REQUE	STED IN THIS E	PROGRAM: F	Y 1995			···	
ATEGORY						COST		STATUS
CODE		PROJECT TITLE		SCOPE		(\$000)	START	<u>CMPL</u>
<u> </u>								
51-147 SI		TORATION			LS	3,500	MAR 92	MAR 94
51-147 SI	SERVE	TORATION  FORCES FACILITE Construction A		RECOMMEN			MAR 92	₹ 93
51-147 SI . STATE RE Unila	SERVE	FORCES FACILIT	Appro√ed	RECOMMEN			20 API	₹ 93
. STATE RE Unila	SERVE	FORCES FACILIT Construction A	Approved N			ON	20 API	R 93
. STATE RE Unila . LAND ACQ	SERVE	FORCES FACILIT	Approved N			ON (N	20 API (Dat	R 93
. STATE RE Unila	SERVE	FORCES FACILIT Construction A	Approved N			ON	20 API (Dat	R 93
. STATE RE Unila . LAND ACQ O. PROJECT ATEGORY CODE	SERVE SERVE STEERAL QUISITI	FORCES FACILIT Construction A ON REQUIRED	Approved N OUR YEARS	Ione		ON (N	20 API (Dat	₹ 93 te)
. STATE RE Unila . LAND ACQ O. PROJECT ATEGORY CODE . 24-135 JE . 71-445 CO	SERVE Ateral QUISITI	FORCES FACILITY Construction A ON REQUIRED NED IN NEXT FOR	Approved N DUR YEARS	Ione	LS SF	ON  COST (\$000) 4,150 5,500	20 API (Dat	R 93
. STATE RE Unila	SERVE	FORCES FACILIT Construction A	Approved N			ON	20 API (Dat	₹ 9 te)

$\overline{1}$	. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
L	ANG	MILITARY CONSTRUCTION	
т.			

3. INSTALLATION AND LOCATION

FRESNO AIR TERMINAL (ANG), CALIFORNIA

## 11. PERSONNEL STRENGTH AS OF 30 JUN 93

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	380	5	68	307	1,042	110	932
ACTUAL	358	5	68	285	1,010	98	912

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
144	CEG SQ		136	132
144	CLI CI		55	51
144	CLM SQ		408	385
144	FIN WG		66	66
144	MSQ FT		41	41
144	MSQ SQ		45	48
144	RMS SQ		120	121
144	SEP FT		85	82
194	FIN SQ		43	42
144	DET 01		18	17
144	SVS FT		25	25
		TOTALS	1,042	1,010

TYPE	<u>AUTHORIZED</u>	ASSIGNED
F-16 Aircraft	18	20
C-131 Aircraft	1	2
Support Equipment	128	121
Vehicle Equivalents	237	237

1. COMPONENT					2.	DATE
	FY 1995 MILITARY C	ONSTRUCT	CION PRO	DJECT DATA	A	
ANG	(comput	er gener	cated)			
3. INSTALLATION A	ND LOCATION		4. PRO.	JECT TITLI	E	
	IAL (ANG) CALIFORNI			ESTORATIO		
5. PROGRAM ELEMEN	T 6. CATEGORY CODE	7. PRO.	JECT NUI	MBER 8. 1	PROJECT	COST(\$000
	ĺ	1				
56256F	851-147		<u> 1000581</u>			\$3,500
	9. COS	T ESTIM	ATES	<del></del>		1
					UNIT	COST
	ITEM			OUANTITY	COST	(\$000)
SITE RESTORATION			LS	1	}	1,800
DRAINAGE SYSTEM			LS			( 750
SEWAGE SYSTEM			LS			( 750
WATER SYSTEM	miec		LS	ļ		( 300
SUPPORTING FACILI	TIES		LS	]		1,250
SITE IMPROVEMEN	mr c		LS	İ		( 400
PAVEMENTS	112		LS			( 450
DEMOLITION			LS		1	( 100
SUBTOTAL			123	1		3,050
CONTINGENCY (10%)	1					3,030
TOTAL CONTRACT CO					Į.	3,355
	PECTION AND OVERHEA	D (5%)				168
TOTAL REQUEST	BOLLON MIND OVERNEDA	D (3/6)		ļ		3,523
TOTAL REQUEST (RO	OUNDED)					3,500
TATION WINGOIDT (W	· · · · · · · · · · · · · · · · · · ·			1		,,,,,,,
1				1		
			1	1	1	1

10. Description of Proposed Construction: Replace sewage trunk line and laterals to buildings and extend system toward proposed construction. Connect water system to city water. Alter drainage system and provide four oil/water separators and integrate the system with airport drainage system. Provide new pavements, site improvements, utilities, and demolition. Remove four oil/water separators and alter water well.

11. REQUIREMENT: As required.

PROJECT: Site Restoration (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. Base requires infrastructure systems that will serve the existing base and provide for future relocation and do not endanger the environment nor the base and local population. A sewage system that is properly sized and does not pollute; a domestic water system that is not dependent on a water well that has recently been capped because of a plume of off base pollution; a drainage system that properly collects and treats storm water and is integrated with the airport system are also required.

CURRENT SITUATION: The modernization of the base through construction

CURRENT SITUATION: The modernization of the base through construction guided by the Master Plan forces the relocation and displacement of several operational and environmental facilities and systems. Coupled with the systems age, new environmental regulations and local conditions, the existing drainage, sewage and water systems are inadequate, undersized and in danger of polluting the local environment and endangering the health of the base personnel. The systems are approximately 40 years old and in constant need of repair due to deterioration of the laterals and trunk line settlement. Leaks have been kept to a minimum but a major leak could happen at any time in this earthquake prone area. The water system is based on a well and an emergency city connection. A plume of

1. COMPONENT			2. DA	TE
FY 1	995 MILITARY CONSTRUCTION PROJECT DAY	ΓA		
ANG	(computer generated)			
3. INSTALLATION AND L	OCATION			
FRESNO AIR TERMINAL (	ANG) CALIFORNIA			
4. PROJECT TITLE		5. PRO	JECT I	NUMBER
		l		
SITE RESTORATION		HAY	W0005	81

underground pollution has reached the well from airport property. Contamination of the well has now put an unacceptable demand on the city connection. Both systems are inadequate in size and need to be expanded to meet the requirements of construction envisioned by the Master Plan. The drainage system collects storm water and processes some of it through oil/water separators; these do not meet current regulations. The existing drainage has storm water retention basins. One such basin is in the path of Master Plan directed construction and must be relocated. The entire drainage system must be designed and incorporated into the total airport system. Utilities and pavements must be removed and replaced to accommodate the environmental systems and site restoration.

IMPACT IF NOT PROVIDED: Environmental systems in need of repair will fail and leak causing soil contamination, water pollution and health hazards. Master Plan of base through the short and long term will not be possible.

and leak causing soil contamination, water pollution and health hazards.

Master Plan of base through the short and long term will not be possible.

Mission of unit is affected. Possible shut down of the base water system.

Violation of State and Federal EPA regulations. The ANG could receive adverse publicity.

<u>ADDITIONAL</u>: An exception to the economic analysis requirement has been prepared. It presents the rationale for only one alternative which is to rehabilitate the infastructure in one project rather than the piecemeal upgrade in multiple projects.

<u>RESNO AI</u> PROJEC	R TERMINAL (ANG) CALIFORNIA	PROJECT NUMBER
, I KOOBO		ROODOL NOIDER
TE REST	ORATION I	HAYW000581
2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	92 MAR 04
	(b) Percent Complete as of Jan 94 (c) Date 35% Designed	95% 93 APR 15
	(d) Date Design Complete	94 MAR 15
(2)	Basis:	
(-)	(a) Standard or Definitive Design -	
	(b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000
	(a) Production of Plans and Specifications	190
	(b) All Other Design Costs	100
	(c) Total (d) Contract	290 290
	(e) In-house	250
(4)	Construction Start	95 MAY
	ment associated with this project will be provided for ropriations: N/A	rom
		rom
		rom
		rom
		rom
		rom
		rom
		rom
		rom
		rom

1. COMPONENT ANG	FY 1995 GUARD AN MILITARY CONST			2. DATE	, 
	ION AND LOCATION ANG CALIFORNIA			COST	CONSTR INDEX 19
Twelve month	AND TYPE OF UTILIZATION ly assemblies per year, 15 use by technician/AGR forc			ning per	
l Air Force	IVE/GUARD/RESERVE INSTALLA Base, 9 Army National Guar Reserve Centers				, 2
CATEGORY	REQUESTED IN THIS PROGRAM:		COST	DESIGN	
	PROJECT TITLE  ER VEHICLE MAINTENANCE	<u>SCOPE</u> 12,300 SF	<u>(\$000)</u> 400	START JUN 93	
	CILITY				
	ERVE FORCES FACILITIES BOA eral Construction Approved		ON	20 APR	 <u>93</u>
Unilat	ERVE FORCES FACILITIES BOA eral Construction Approved		ON	20 APR (Dat	
Unilat	ERVE FORCES FACILITIES BOA			(Dat	(e)
Unilat  9. LAND ACQU  10. PROJECTS	ERVE FORCES FACILITIES BOA eral Construction Approved	None			:e)
Unilat	ERVE FORCES FACILITIES BOA eral Construction Approved	None	(N	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  211-111 COM 211-179 FUE	ERVE FORCES FACILITIES BOA eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	COST (\$000) 12,000	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  211-111 COM 211-179 FUE	ERVE FORCES FACILITIES BOA eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR PROJECT TITLE  POSITE MAINTENANCE HANGAR IL CELL AND CORROSION	None  SCOPE 62,000 SF	COST (\$000) 12,000	(Dat	:e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  211-111 COM 211-179 FUE	ERVE FORCES FACILITIES BOA eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR PROJECT TITLE  POSITE MAINTENANCE HANGAR IL CELL AND CORROSION	None  SCOPE 62,000 SF	COST (\$000) 12,000	(Dat	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  211-111 COM 211-179 FUE	ERVE FORCES FACILITIES BOA eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR PROJECT TITLE  POSITE MAINTENANCE HANGAR IL CELL AND CORROSION	None  SCOPE 62,000 SF	COST (\$000) 12,000	(Dat	:e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  211-111 COM 211-179 FUE	ERVE FORCES FACILITIES BOA eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR PROJECT TITLE  POSITE MAINTENANCE HANGAR IL CELL AND CORROSION	None  SCOPE 62,000 SF	COST (\$000) 12,000	(Dat	(e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION MOFFETT FLD ANG CALIFORNIA 11. PERSONNEL STRENGTH AS OF 30 SEP 93

		PERMANENT				GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	256	22	219	15	806	116	690
ACTUAL	247	26	212	9	793	109	684

## 12. RESERVE UNIT DATA

			STRENGTH	
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
129	RES GP		60	59
129	RES SQ		116	118
129	CAM SQ		187	180
129	MSS SQ		68	69
129	MSS FT		34	37
129	RMS SQ		120	118
129	CES SQ		100	102
129	SVS FT		30	22
129	TAC HP		50	48
561	AFBAND		36	35
DL	NTHIGH		5	5
		TOTALS	806	793

TYPE	AUTHORIZED	ASSIGNED
MH-60G	5	5
HC-130P	4	4
Support Equipment	98	111
Vehicle Equivalents	230	225

1. COMPONENT ANG	FY 1995 GUARD A			2. DATE	
. INSTALLATION	MILITARY CONS AND LOCATION ANG STATION CALIFORN			4. AREA CO	
				1.19	DEX
Four unit train	D TYPE OF UTILIZATION ing assemblies per more chnician force and tra	nth, 15 days annu	al train	ing per yea	r,
cClellan AFBm	/GUARD/RESERVE INSTALI 1 mile; Air Force Rese uard, 4 units; Marine	erve, lunit; Army	Reserve	, 7 units;	t.
CATEGORY	UESTED IN THIS PROGRAM		COST	DESIGN STA	
CODE	PROJECT TITLE	SCOPE	(\$000)	START CM	PL
24-135 REPLAC	E UNDERGROUND STORAGE TANKS	LS	400	MAY 93 JU	L 94
	E FORCES FACILITIES BO 1 Construction Approve		ON	20 APR 93	
Unilatera	1 Construction Approve			(Date)	
Unilatera  . LAND ACQUISI  .0. PROJECTS PL	1 Construction Approve	None	(N		
Unilatera . LAND ACQUISI O. PROJECTS PL	1 Construction Approve	None		(Date)	
Unilatera . LAND ACQUIST O. PROJECTS PLA ATEGORY	1 Construction Approve TION REQUIRED ANNED IN NEXT FOUR YEA	None ARS	COST	(Date)	
Unilatera . LAND ACQUIST O. PROJECTS PLA ATEGORY	1 Construction Approve TION REQUIRED ANNED IN NEXT FOUR YEA	None ARS	COST	(Date)	
Unilatera . LAND ACQUIST O. PROJECTS PLATEGORY	1 Construction Approve TION REQUIRED ANNED IN NEXT FOUR YEA	None ARS	COST	(Date)	
Unilatera . LAND ACQUIST O. PROJECTS PLATEGORY	1 Construction Approve TION REQUIRED ANNED IN NEXT FOUR YEA	None ARS	COST	(Date)	
Unilatera  LAND ACQUIST  O. PROJECTS PL	1 Construction Approve TION REQUIRED ANNED IN NEXT FOUR YEA	None ARS	COST	(Date)	
Unilatera  LAND ACQUIST  O. PROJECTS PLATEGORY	1 Construction Approve TION REQUIRED ANNED IN NEXT FOUR YEA	None ARS	COST	(Date)	

# FY 1995 GUARD AND RESERVE 1. COMPONENT 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION NORTH HIGHLANDS ANG STATION CALIFORNIA 11. PERSONNEL STRENGTH AS OF 30 SEP 93 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 38 7 29 2 224 27 197 7 34 25 2 206 ACTUAL 231 25 12. RESERVE UNIT DATA STRENGTH ACTUAL UNIT DESIGNATION AUTHORIZED 149 CC SQ 160 168 162 CC GP 64 63 TOTALS 224 231 13. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ASSIGNED Support Equipment 42 42

Vehicle Equivalents

145

145

1			2.	DATE	- }
$\perp$	ANG	MILITARY CONSTRUCTION			
1 -		ON AND LOCATION	4.	AREA CONS	TR
B	UCKLEY AIR NA	ATIONAL GUARD BASE, COLORADO		COST INDE	X
$\perp$			<u> </u>	0.97	

5. FREQUENCY AND TYPE OF UTILIZATION

Normal tenant organization admin 5 days/week; Weekend unit tng assemblies 2/3 day weekends one weekend/month tenant organization; 1 evening/week "Open House", physical fitness and administration for each tenant organ; Band practice 1 day/month, schedules ensembles practice one day/week.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 400 Person Armory, Aurora, 3 Miles; Fitzsimmons, Denver, 6 Miles; Navy (Navy, Marines, Coast Guard) Reserve Center, Aurora, 1/2 Mile; 4 ARNG Armories, Army Aviation Support Facility, Organization Maintenance Facility, USAR Armories, Denver, 4 and 6 Miles.

7. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY CODE PROJECT TITLE	FY 1995 SCOPE	COST (\$000)	DESIGN START	
116-672 AIRCRAFT WASH AND DEICING	1,200 SY			JUL 94
APRON 211-179 ADD TO AND ALTER FUEL SYSTEMS MAINTENANCE FACILITY	17,000 SF	1,300	SEP 91	DEC 93

8. STATE RESERVE FORCES FACILITIES BOAR Unilateral Construction Approved	D RECOMMENDATI	ON	13		
		<del></del>	(I	)ate	
9. LAND ACQUISITION REQUIRED	None				
		(1	<u>lumber</u>	of.	Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY		COST			
GODE PROJECT TITLE	SCOPE	(\$000)			
131-111 ADD TO AND ALTER COMMUNICATION FACILITY	11,200 SF	780			
216-642 MUNITIONS MAINTENANCE AND STORAGE COMPLEX	LS	4,750			
219-943 BASE ENGINEER PAVEMENTS AND GROUNDS FACILITY	3,400 SF	550			
821-115 URGRADE HEATING SYSTEMS	LS	950			
851-147 UPGRADE BASE INFRASTRUCTURE	LS	12,000			

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION BUCKLEY AIR NATIONAL GUARD BASE, COLORADO

# 11. PERSONNEL STRENGTH AS OF 9 JAN 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	703	58	386	259	1,695	242	1,453
ACTUAL	695	58	385	252	1,588	229	1,359

#### 12. RESERVE UNIT DATA

V.1.1 D.1.1			STRENGTH		
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL	
240	CEF FT		39	39	
140	RMS SQ		120	115	
140	FW DET		14	13	
140	MSS FT		35	36	
120	FTS SQ		56	58	
140	SVS FT		34	32	
140	TAC HP		73	65	
140	MSS SQ		46	44	
140	CAM MT		547	492	
140	FTW WG		56	57	
140	COM FT		21	22	
120	WEA FT		20	20	
140	CES SQ		124	111	
154	ACG GP		131	127	
227	ATC FT		64	56	
138	ACS SQ		121	112	
140	SP FT		57	58	
200	AS		105	100	
HQ	CO ANG		32	31	
		TOTALS	1,695	1,588	

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	24	25
T-43A Aircraft	4	4
Support Equipment	292	290
Vehicle Equivalents	617	633

1. COMPONENT			2. DATE		
F	Y 1995 MILITARY CO	INSTRUCTION PROJECT	DATA		
ANG	(compute	er generated)			
3. INSTALLATION AND	LOCATION	4. PROJECT	TITLE		
}		ADD TO AND	ALTER FUEL SYSTEMS		
BUCKLEY AIR NATIONA	AL GUARD BASE COLO	RADO MAINTENANCE	FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
55256F	211–179	CRWU909730	\$1,300		
9. COST ESTIMATES					

ITEM	U/M	OUANTITY	UNIT	COST (\$000)
ITEM  ADD/ALTER FUEL & CORROSION CONTROL  ALTER FACILITY  ADD TO FACILITY  SUPPORTING FACILITIES  UTILITIES  PAVEMENTS  SITE IMPROVEMENTS  FIRE SUPRESSION SYSTEM  SUBTOTAL  CONTINGENCY (5%)  TOTAL CONTRACT COST	U/M SF SF SF LS LS LS	OUANTITY 17,000 11,000 6,000		(\$000)  880 ( 220) ( 660) 285 ( 50) ( 50) ( 10) ( 175) 1,165 58
SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)				1,223 61 1,284 1,300

10. Description of Proposed Construction: Addition: Reinforced concrete footings/floor slab, structural steel framing system, concrete walls and insulated metal roof system. Alteration: Alter interior floor plan, upgrade utilities and ventilation system and drainage system. Provide exterior utilities, pavements and support.

Air Conditioning: 20 Tons.

11. REQUIREMENT: 17,000 SF ADEQUATE: 0 SUBSTANDARD: 11,000 SF PROJECT: Add to and Alter Fuel Systems Maintenance Facility (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. The base requires an environmentally safe fuel cell and corrosion control hangar for the training of personnel and the day to day operational requirements of the assigned F-16 aircraft. The facility must be properly sized with the proper environmental controls, safety features, and the correct ventilation system. Safety features including explosion proof fixtures and fire detection/suppression systems are required. Environmental systems including an environmentally safe exhaust system and an oil/water separator are required to prevent air, soil and water

Environmental systems including an environmentally safe exhaust system and an oil/water separator are required to prevent air, soil and water pollution.

CURRENT SITUATION: The existing facility has only one bay. Two bays are required, one for fuel cell maintenance and repair, and one for corrosion control. The existing facility does not have the proper environmental and safety controls required of a fuel cell dock and is not large enough to accommodate fuel cell and corrosion control functions. The building requires an addition and the upgrade of the interior utilities and fire protection/suppression systems. The heating and ventilation is inadequate. The addition will allow proper phasing of both fuel cell and

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DA	2. DATE				
	3. INSTALLATION AND LOCATION  BUCKLEY AIR NATIONAL GUARD BASE COLORADO					
4. PROJECT T		5. PROJECT NUMBER				
ADD TO AND AL	TER FUEL SYSTEMS MAINTENANCE FACILITY	CRWU909730				

corrosion control work. Ventilation and oil/water separators require upgrading for compliance with current standards. With the existing facility a possible fuel spill could contaminate the ground and the water. Washing cannot be done inside.

IMPACT IF NOT PROVIDED: The training is adversely affected and the day to day operations of the fuel cell repair and corrosion control functions are hampered. Missions are delayed. The potential of environmental pollution of the air, soil and water is present. The chance of violation of Federal and State environmental/health laws increase. Unable to achieve full operational capability.

PLEMEN	ER FUEL SYSTEMS MAINTENANCE FACILITY TAL DATA:	CRWU9097	'30
	TAL DATA:		
_			
timate	d Design Data:		
(b) (c)	Date Design Started Percent Complete as of Jan 94 Date 35% Designed	93	SEP 18 100% APR 01 DEC 15
(a)	Standard or Definitive Design -		
(a) (b) (c) (d)	Production of Plans and Specifications All Other Design Costs Total Contract		(\$000 55 34 89 89
) Con	struction Start		95 MAY
		d from	
	(a) (b) (c) (d)  Bas (a) (b)  Tot (a) (c) (d) (e)  Con	<ul> <li>(a) Date Design Started</li> <li>(b) Percent Complete as of Jan 94</li> <li>(c) Date 35% Designed</li> <li>(d) Date Design Complete</li> </ul> Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> </ul> Construction Start	(a) Date Design Started (b) Percent Complete as of Jan 94 (c) Date 35% Designed (d) Date Design Complete 93 (d) Date Design Complete 93  Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  Construction Start

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	4. AREA CONSTR
ROBINS AIR FOR	RCE BASE	COST INDEX
		0.81
S. FREQUENCY	ND TYPE OF ITTI.IZATION	

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and training.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air Force Reserve Facility, 2 Army National Guard Armories, 1 Army Reserve Facility, 1 Navy/Marine Reserve Facility
- 7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY COST DESIGN STATUS CODE PROJECT TITLE SCOPE **(\$000)** START CMPL 121-122 B-1 CONSOLIDATED AIRCRAFT 9,400 SEP 93 JUN 94 LS SUPPORT AND HYDRANT SYSTEMS 211-111 ALTER B-1 MAINTENANCE HANGAR 31,000 SF 2,950 SEP 93 AUG 94 AND SHOPS 211-111 B-1 HANGAR COMPLEX 46,500 SF 8,400 SEP 93 JUL 94
- 8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 2 DEC 92

(Date) 9. LAND ACQUISITION REQUIRED None (Number of Acres) 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000) 131-111 B-1 COMMUNICATIONS TRAINING 10,400 SF 1,850 AND AUDIO VISUAL FACILITY 141-753 B-1 SQUADRON OPERATIONS 41,600 SF 6,500 FACILITY 171-445 B-1 OPERATIONS AND TRAINING 23,000 SF 4,100 FACILITY 211-152 B-1 AIRCRAFT MAINTENANCE SHOPS 75,200 SF 14,000 211-183 B-1 POWER CHECK PAD WITH LS 900 SOUND SUPPRESSOR 214-425 VEHICLE MAINTENANCE COMPLEX 12,800 SF 1,550 217-712 B-1 AVIONICS SHOP 32,000 SF 5,800

1. COMPONENT ANG	FY 1995 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION ROBINS AIR FOR	ON AND LOCATION	
11. PERSONNEL	STRENGTH AS OF 15 JUN 93	
	PERMANENT	GUARD/RESERVE

		PER	MANENT			GUARD/RES	ERVE
	TCTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
<b>AUTHORIZED</b>	345	24	319	2	1,211	114	1,097
ACTUAL	332	23	307	2	1,184	1,184	0

12. RESERVE UNIT DATA		
	STREN	IGTH
JNIT DESIGNATION	AUTHORIZED	ACTUAL
116 CEG SQ	100	102
116 CLM SQ	577	554
116 CMN FT	42	41
116 MSS FT	30	30
114 1400 00		

				<del>-</del>	
116	CMN	FT		42	41
116	MSS	FT		30	30
116	MSS	SQ		45	48
116	RMS	SQ		121	124
116	TFW	HQ		60	58
116	TCI	CI		51	47
116	SEP	FT		57	59
116	SVS	FT		34	32
128	TFS	SQ		58	55
530	BANI	)		36	34
8116	STU	FT		0	0
			TOTALS	1,211	1,184
				<del>-</del>	•

13.	MAJOR	<b>EQUIPMENT</b>	AND	ATRCR	A FT

TYPE	<u>AUTHORIZED</u>	ASSIGNED
F-15 A/B Aircraft	24	28
B-1 Aircraft	10	0
Support Equipment	289	255
Vehicle Equivalents	234	110

1. COMPONENT											2.	DATE
	F	199	5 MILITA	RY CO	ONSTRUCT	CION	PRO	JECT	DATA			
ANG				mpute	er gener	rate	<u>(b)</u>		_		L	
3. INSTALLATI	ON ANI	roc	CATION					JECT T				
								NSOLID				
ROBINS AFB GE								C AND				
5. PROGRAM EL	EMENT	6. (	CATEGORY	CODE	7. PROJ	JECI	נטא :	MBER	8. F	ROJE	CT (	COST(\$000
	:											
55296F			121-122		UHHZ							9,400
			9.	605	ESTIMA	ATES		<del></del>		UNI	<u> </u>	COST
		111	PM .				II /M	QUANT	TTV			(\$000)
CONSOLIDATED	ATRCR			VCTE	A NID		0711	VOALIT	***	003	-	(\$000)
HYDRANT REFUE				, 10 1 11.	1 11110		LS					7,000
SUPPORTING FA									1			1,524
POL OPERATI	ONS						SF	1,2	:00		120	( 144
UTILITIES							LS		ì			( 380
PAVEMENT UF	GRADE						LS					(1,000
SUBTOTAL								}	ì			8,524
CONTINGENCY (												426
TOTAL CONTRAC								}	1			8,950
SUPERVISION,		CTION	I AND OVE	ERHEAL	0 (5%)				ļ			448
TOTAL REQUEST									1			9,398
TOTAL REQUEST	(ROU	NDED)	)									9,400
								1				
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10. Description of Proposed Construction: Fuel Hydrant and Consolidated Aircraft Support System (CASS) pits for the apron maintenance as well CASS system in hangar aircraft maintenance. Includes all utilities, pavement, tiedowns, lighting, and support facilities for the CASS and fuel systems.

11. REQUIREMENT: As required.

PROJECT: B-1 CASS and Hydrant Fuel Systems (New Mission).

REQUIREMENT: The 116 FW at Dobbins AFB is moving to Robins AFB and converting from F-15 aircraft to B-1 aircraft. During a Joint Site Survey by Robins AFB, ACC, Air Staff, and NGB personnel during August 1993, this project requirement was identified. This project supports the beddown of B-1 Bomber aircraft. The base requires an adequate apron to park, maintain, refuel, and operate the aircraft. The apron must be sized and configured to allow taxiing aircraft, refueling operations, access to maintenance facilities, and parking for the aircraft. Three aircraft will be in hangar facilities.

<u>CURRENT SITUATION</u>: The CASS system does not exist. This system provides compressed air, air conditioning and power to the B-l on the ramp. The CASS is needed each time the aircraft are powered. The apron is of sufficient size and strong enough to support the B-l weight.

IMPACT IF NOT PROVIDED: The ANG will be unable to properly maintain the aircraft. Training opportunities will be lost. They will not be able to fly.

<u>ADDITIONAL</u>: Due to operational reasons, an economic analysis has not been accomplished.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT	DATA 2. DATE
ANG	(computer generated)	DAIA
3. INSTALLATIO	ON AND LOCATION	
ROBINS AFB GEO	ORGIA	
4. PROJECT TIT	TLE	5. PROJECT NUMBER
B-1 CONSOLIDAT	TED AIRCRAFT SUPPORT AND HYDRANT SYSTEMS	UHHZ939785
12. SUPPLEME	WTAL DATA:	
a. Estimato	ed Design Data:	
(1) Sta		
	Date Design Started	93 SEP 20
	Percent Complete as of Jan 94 Date 35% Designed	35% 94 JAN 31
	Date Design Complete	94 JUN 30
(2) Bas	sis:	
(a)	Standard or Definitive Design - Where Design Was Most Recently Used -	
	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000
	Production of Plans and Specifications	400
	All Other Design Costs Total	180 580
• •	Contract	580
	In-house	
(4) Co	nstruction Start	95 AUG
	associated with this project will be prov	rided from
depropri		
,		

1. COMPONENT						1 .	DATE
_	Y 1995 MILITARY C			OJECT	DATA		
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3. INSTALLATION AN	D LOCATION		4. PRO				
					INTE	NANCE H	ANGAR
ROBINS AFB GEORGIA		17 220	AND SH			DO TROM	300m ( + 000
5. PROGRAM ELEMENT	6. CATEGURY CODE	/. PRO.	ECT NU	MBER	8. F	ROJECT	COST(\$000
55296F	211-111	11111111	2939786	1			\$2.950
JJ290F		r estim					92,930
	7, 000	· HOTAIN	1	[		UNIT	COST
	ITEM		U/M	OUANT	YTI	COST	(\$000)
ALTER B-1 MAINTENA	NCE HANGAR AND SH	OPS	SF	31,0			1,970
ALTER HANGAR			SF			60	
ALTER WEAPONS RE	LEASE SHOP		SF	11,0	000	70	
SUPPORTING FACILIT	IES						570
UTILITIES			LS	ł			( 100
SITE IMPROVEMENT	S		LS		1		( 10
PAVEMENTS			LS	1	1		( 10
FIRE SUPPRESSION			LS				( 400
PRE-WIRED WORK S	TATIONS		LS	-	}		50
SUBTOTAL CONTINGENCY (10%)							2,540
TOTAL CONTRACT COS	T						254 2,794
SUPERVISION, INSPE		D (5%)		]	Ì	!	140
TOTAL REQUEST	JIIII MID GIDHIDA	- (JA)					2,934
TOTAL REQUEST (ROU	NDED)		1	1	1		2,950
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10. Description of Proposed Construction: Alteration of Building 44: Upgrade heating, ventilation and electrical systems. Relocate walls. Provide insulation and corrosion prevention. Includes all utilities, fire protection and necessary support. Remove asbestos. Upgrade latrines. 11. REQUIREMENT: 31,000 SF ADEQUATE: 0 SUBSTANDARD: 31,000 SF **PROJECT:** Alter B-1 Maintenance Hangar and Shops (New Mission). REQUIREMENT: The 116 FW at Dobbins is moving to Robins AFB and converting from F-15 aircraft to B-1 aircraft. During a Joint Site Survey by Robins AFB, ACC, Air Staff, and ANG personnel the project requirements were validated. This project supports the beddown of the B-1 Bomber aircraft. An energy efficient aircraft maintenance shop and control complex is required for aircraft repair, fabrication, calibration, and servicing. CURRENT SITUATION: The base has an excess hangar that can be modified and upgraded to support the B-1. The hangar was constructed in 1956. The facility is structurally sound but not properly configured to support the B-1. Some shops are too small while others are too large. The facility does not meet energy standards and must be upgraded to meet DoD goals for energy conservation. The electrical system needs to be upgraded. The heating and ventilation systems also require modification to meet the new shop configuration. The fire suppression system is undersized and is not compatible with the B-1 aircraft configuration. IMPACT IF NOT PROVIDED: Unable to properly beddown the aircraft. to properly accomplish maintenance. Without fire suppression, the aircraft are at risk and violate OSHA regulations. Training opportunities will be lost. The aircraft can be parked but not flown.

ADDITIONAL: Due to operational requirements, an economic analysis was not

performed.

_	FY 1	995 MILITARY CONSTRUCTION PRO	JECT DATA 2. DATE
YG	ATTON AND T	(computer generated)	
. INSTALI	ATION AND L	OCATION	
BINS AF	GEORGIA		
. PROJECT	TITLE		5. PROJECT NUMBER
ו_ם מקדי	MATRPENANCE	HANGAR AND SHOPS	UHHZ939786
TEK D-1	MAINTENANCE	HANGAR AND SHOPS	UNR2939788
2. SUPPI	EMENTAL DAT	'A:	
a. Est	mated Desig	n Data:	
(1)	Status:		
, ,	(a) Date D	esign Started	93 SEP 25
		it Complete as of Jan 94	35%
		5% Designed	94 JAN 31
	(d) Date D	esign Complete	94 AUG 01
(2)	Basis:		
<b>\-</b> /		ard or Definitive Design -	
	(b) Where	Design Was Most Recently Used	l <b>–</b>
(3)	Total Cost	(c) = (a) + (b)  or  (d) + (e)	(\$000
(-)		tion of Plans and Specificati	
		ther Design Costs	55
	(c) Total		195
	<ul><li>(d) Contra</li><li>(e) In-hou</li></ul>		195
	(e) In-non	.se	
		on Start	95 AUG
(4)	Constructi	.OIL SCAIC	
(4)	Constructi	on start	
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. Equip	ent associa	ated with this project will be	

1. COMPONENT 2. DATE FY 1995 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE ROBINS AFB GEORGIA **B-1 HANGAR COMPLEX** 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 55296F 211-111 UHHZ939788 \$8,400 COST ESTIMATES COST UNIT U/MIQUANTITY COST (\$000) ITEM **B-1 HANGAR COMPLEX** 6,153 SF 46,500 HANGAR BAY SF 23,000 145 (3,335)WEAPONS SYSTEMS MAINTENANCE SF 115 6,000 690) ORGANIZATIONAL MAINTENANCE SF 6,000 115 690) (1,000) ENGINE MAINTENANCE AND STORAGE SF 8,000 125 NON-DESTRUCTIVE INSPECTION SHOP SF 125 3,500 438) SUPPORTING FACILITIES 1,475 UTILITIES/PAVEMENTS/FIRE SUPRESSION LS (1,325) PRE-WIRED WORK STATIONS LS 150) SUBTOTAL 7,628 CONTINGENCY (5%) 381 TOTAL CONTRACT COST 8,009 SUPERVISION, INSPECTION AND OVERHEAD (5%) 400 TOTAL REQUEST 8,409

10. Description of Proposed Construction: Reinforced concrete foundations and floor slab. Structural steel with masonry partitions and roof structure. Mechanical ventilation system, drainage with oil-water separator, fire suppression, equipment storage and all utilities and support.

Air Conditioning: 40 Tons.

TOTAL REQUEST (ROUNDED)

11. REQUIREMENT: 49,600 SF / STQUATE: 0 SUBSTANDARD: 0

PROJECT: B-1 Hangar Complex (New Mission).

REQUIREMENT: The 116 FW at Dobbins AFB is moving to Robins AFB and converting from F-15 aircraft to B-1 aircraft. During a Joint Site Survey by Robins AFB, ACC, HQ USAF and ANG personnel this project requirement was identified. This project is required for the beddown of the B-1 bomber aircraft. It provides an adequately sized and properly engineered facility for engine maintenance and storage, aircraft maintenance management, survival equipment shop, and general phase/regular aircraft maintenance.

<u>CURRENT SITUATION</u>: There are no excess facilities available at Robins AFB to satisfy the maintenance space requirements for the B-l Bomber aircraft.

<u>IMPACT IF NOT PROVIDED</u>: The ANG will be unable to beddown the aircraft. Training opportunities will be lost. Fuel cell maintenance and corrosion control will have to be performed on the ramp restricted by weather and safety factors, with no environmental controls.

<u>ADDITIONAL</u>: Due to operational considerations, an economic analysis was not accomplished.

8,400

. COMPON	ENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NG		(computer generated)	`	
. INSTAL	LATIO	N AND LOCATION		
ODING AT	B CEA	DCTA		
OBINS AF			5. PRO	JECT NUMBER
-1 HANGA	R COM	PLEX	UHH	2939788
.2. SUPP	LEMEN	TAL DATA:		
a. Est	imate	d Design Data:		
(1)	Sta	tus:		
. •		Date Design Started		93 SEP 20
	(b)	Percent Complete as of Jan 94		35%
		Date 35% Designed Date Design Complete		94 JAN 31 94 JUL 15
	(4)	Date Design Complete		94 00 <u>0</u> 13
(2)	Bas			
		Standard or Definitive Design -		
	(p)	Where Design Was Most Recently Used -		
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
• • •		Production of Plans and Specifications		400
		All Other Design Costs		190
		Total		590
		Contract In-house		590
	(6)	In-nouse		
(4)	Con	struction Start		95 AUG
		associated with this project will be provided	d from	
tner app	roprı	ations: N/A		
		•		

						1	
1. COMPONI		FY 1995 GUARD MILITARY CON				2. DATE	
		D LOCATION ASE, HAWAII				cos	CONSTR INDEX
Twelve mo	nthly ass	YPE OF UTILIZATION emblies per year, technician/AGR fo	15 days annua				
2 Army In: National (	stallatio Guard Uni	ARD/RESERVE INSTAL ns, 1 Army Reserve t, 2 Naval Install ard Installations	Facility, 1	Air I	Force Ba	se, 1 Ai	
7. PROJECT CATEGORY CODE	-	TED IN THIS PROGRAI	M: FY 1995 SCOPE		COST (\$000)	DESIGN START	STATUS CMPL
	REPLACE U	NDERGROUND RAGE TANKS		LS		NOV 91	
		ORCES FACILITIES B onstruction Approv		DATIC	N	29 SEI	
Uni	lateral C	ORCES FACILITIES B		DATIO		(Dat	e)
Uni 9. LAND A 10. PROJE	CQUISITIO	ORCES FACILITIES B onstruction Approv	None	DATI(			e)
Uni	CQUISITIO	ORCES FACILITIES B onstruction Approv N REQUIRED	None	DATIO	(N	(Dat	e)
Uni  9. LAND A  10. PROJE CATEGORY CODE  141-753	CQUISITIO CTS PLANN P SQUADRON	ORCES FACILITIES B onstruction Approv N REQUIRED ED IN NEXT FOUR YE	None ARS SCOPE	SF	COST	(Dat	e)
Uni  9. LAND A  10. PROJE  CATEGORY  CODE  141-753	CTS PLANN P SQUADRON BASE ENGI	ORCES FACILITIES Boonstruction Approv N REQUIRED ED IN NEXT FOUR YE ROJECT TITLE OPERATIONS FACILIT	None  ARS  SCOPE Y 12,000	SF	COST (\$000) 3,200	(Dat	e)
Uni  9. LAND A  10. PROJE  CATEGORY  CODE  141-753	CTS PLANN P SQUADRON BASE ENGI	ORCES FACILITIES Boonstruction Approv N REQUIRED ED IN NEXT FOUR YE ROJECT TITLE OPERATIONS FACILIT	None  ARS  SCOPE Y 12,000	SF	COST (\$000) 3,200	(Dat	e)
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#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION HICKAM AIR FORCE BASE, HAWAII

## 11. PERSONNEL STRENGTH AS OF 2 JUL 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	409	5	52	352	1,485	209	1,276
ACTUAL	370	5	62	303	1,330	175	1,155

## 12. RESERVE UNIT DATA

			STRENGTH			
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL		
НQ	HI ANG		30	29		
154	SVS		34	32		
154	ACW		66	61		
154	MSS		45	46		
154	GP		64	58		
154	CAMS		587	525		
154	TAC HP		83	68		
154	CES		100	85		
154	SPF		41	38		
154	RMS		133	132		
154	MSF		33	29		
199	FS		76	71		
203	ARS		193	156		
		TOTALS	1,485	1,330		

TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-15C Aircraft	24	26
C-130H Aircraft	1	1
KC-135R Aircraft	4	0
Support Equipment	280	260
Vehicle Equivalents	138	138

			_			
1. COMPONENT	FY 1995 MILITARY C	ONSTRUCTIO	N PR	OJECT DATA	1 - 1	DATE
ANG	(comput	er generat	ed)		. <u>.</u> L	
3. INSTALLATION A				JECT TITLE	3	
	R					
HICKAM AFB HAWAII FUEL STORAGE TANKS						
	T 6. CATEGORY CODE					COST(\$000)
]	1			1		,
55256F	124-135	KNMD90	9620			\$1.000
		T ESTIMATE				
			1		UNIT	COST
	ITEM		U/M	OUANTITY	COST	(\$000)
REPLACE UNDERGROU	ND FUEL STORAGE TA	NKS	LS			700
SUPPORTING FACILI	TIES			1		165
UTILITIES			LS			( 45)
PAVEMENTS			LS			( 20)
SITE RESTORATIO	N		LS	1		( 100)
SUBTOTAL			İ	1		865
CONTINGENCY (10%)						87
TOTAL CONTRACT CO	ST		1			952
SUPERVISION, INSP	ECTION AND OVERHEAD	D (5%)	1			48
TOTAL REQUEST						1,000
TOTAL REQUEST (RO	UNDED)		1			1,000
	•	-	1	1		
}			1	}		
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10. Description of Proposed Construction: Replace 12 tanks in the Hawaiian islands. Excavate and remove the tanks. Dispose of the tanks, tank residue and contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA.

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

	TION AND LOCATION		
ICKAM AFB		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
. PROJECT	CITLE 5.	. PROJECT	NUMBER
EPLACE UND	ERGROUND FUEL STORAGE TANKS	KNMD9096	520
2. SUPPLE	TENTAL DATA:		
a. Estim	ated Design Data:		
(1)	Status:		
	a) Date Design Started	91	NOV 08
	D) Percent Complete as of Jan 94		65%
	c) Date 35% Designed i) Date Design Complete		JUN 15 APR 15
•	) bate besign complete	94	APK 13
(2)	Basis:		
	a) Standard or Definitive Design -		
(	b) Where Design Was Most Recently Used -		
(3)	Total Cost (c) = (a) + (b) or (d) + (e):		(\$000
	a) Production of Plans and Specifications		36
	b) All Other Design Costs		15
	c) Total		51
	d) Contract e) In-house		51
•			
(4)	Construction Start		95 JUN
	nt associated with this project will be provided	from	
	nt associated with this project will be provided priations: N/A	from	
		from	
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		from	
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ANG	FY 1995 GUARD A	ND RESERVE		2. DATE
3. INSTALLAT	ION AND LOCATION	IRUCITON		4. AREA CONSTI
	RMINAL (GOWEN FIELD), IDA	НО		COST INDEX
Iwelve month	AND TYPE OF UTILIZATION ly assemblies per year, luse by technician/AGR for			ning per
l Army Nation	IVE/GUARD/RESERVE INSTALL nal Guard Facility, 1 Arm 1 Army Research Institute	y Reserve Fac	ility, 1 U.	S. Signal
7. PROJECTS	REQUESTED IN THIS PROGRAM	: FY 1995		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START CMPL
871-183 UPG	RADE BASE DRAINAGE		LS 380	JUL 93 JUL 94
	eral Construction Approve	d		<u>6 APR 93</u> (Date)
9. LAND ACQU	TETTION DECITOES	None	7	
	ISITION REQUIRED			lumber of Acres
	PLANNED IN NEXT FOUR YEA	RS		lumber of Acres
	<u> </u>	RS SCOPE	COST (\$000)	lumber of Acres
CATEGORY CODE L71-450 MED	PLANNED IN NEXT FOUR YEA		COST (\$000)	lumber of Acres
CATEGORY CODE  171-450 MED (A 211-111 UPG	PLANNED IN NEXT FOUR YEA  PROJECT TITLE  ICAL TRAINING FACILITY	SCOPE	COST (\$000) SF 1,250	lumber of Acres
CATEGORY CODE  171-450 MED (A 211-111 UPG	PLANNED IN NEXT FOUR YEAR PROJECT TITLE ICAL TRAINING FACILITY NG/ARNG) RADE MAINTENANCE	SCOPE 13,000	COST (\$000) SF 1,250	lumber of Acres
CATEGORY CODE  171-450 MED (A 211-111 UPG	PLANNED IN NEXT FOUR YEAR PROJECT TITLE ICAL TRAINING FACILITY NG/ARNG) RADE MAINTENANCE	SCOPE 13,000	COST (\$000) SF 1,250	lumber of Acres
CATEGORY CODE  171-450 MED (A 211-111 UPG	PLANNED IN NEXT FOUR YEAR PROJECT TITLE ICAL TRAINING FACILITY NG/ARNG) RADE MAINTENANCE	SCOPE 13,000	COST (\$000) SF 1,250	lumber of Acres
CATEGORY CODE  171-450 MED (A 211-111 UPG	PLANNED IN NEXT FOUR YEAR PROJECT TITLE ICAL TRAINING FACILITY NG/ARNG) RADE MAINTENANCE	SCOPE 13,000	COST (\$000) SF 1,250	lumber of Acres

# 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD), IDAHO

11. PERSONNEL STRENGTH AS OF 4 SEP 93

	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	592	65	444	83	1,474	187	1,287
ACTUAL	572	64	438	70	1,345	169	1,176

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
HQ	ID ANG		30	27
124	MSS SQ		46	45
124	MSS FT		44	41
124	CAM SQ		559	489
124	TAC CL		51	48
124	SVS FT		34	31
124	RMS SQ		120	122
124	SPF SQ		57	57
124	CF FT		21	14
124	CES SQ		136	132
124	HQ SQ		63	53
189	TRT FT		196	178
190	TRS SQ		77	65
124	STU FT		40	43
		TOTALS	1,474	1,345

TYPE	AUTHORIZED	ASSIGNED
F-4G Aircraft	35	35
C-26 Aircraft	1	1
Support Equipment	208	201
Vehicle Equivalents	117	116

1. COMPONENT	FY 1995 GUARD AND RESERVE	2.	DATE
ANG	MILITARY CONSTRUCTION		
3. INSTALLATIO	ON AND LOCATION	4.	AREA CONSTR
SITE 94-03			COST INDEX
<u></u>		L_	1.01

5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Army National Guard Armory, 1 Army Reserve Center, 1 Naval Reserve Center

CATEGORY CODE PROJECT TITLE SI	COPE	COST (\$000)	DESIGN START	
113-321 AIRCRAFT DEICING APRON	LS			AUG 94
CORROSION CONTROL FACILITY	27,600 SF 14,900 SF	•		AUG 94 FEB 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved

1				•	(Date	2)
9. LAND	ACQUISITION REQUIRED	None				
				(Num	ber of	Acres)
10. PROJ	ECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY				COST		
CODE	PROJECT_TITLE	SCOPE		(\$000)		
111-111	AIRFIELD PAVEMENT UPGRADE	101,500	SY	8,600		
113-321	PARKING APRON AND HYDRANT		LS	6,800		
	REFUELING SYSTEM					
121-111	REFUELING VEHICLE PARKING	1,600	SY	400		
124-135	JET FUEL STORAGE COMPLEX		LS	2,900		
141-753	ALTER SQUADRON OPERATIONS FACILITY	21,600	SF	1,100		
211-111	ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS	59,500	SF	3,200		
871-183	UPGRADE DRAINAGE SYSTEM		LS	500		

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION AN	D LOCATION	
SITE 94-03		

11. PERSONNEL STRENGTH AS OF 10 JUL 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	373	28	295	50	1,224	116	1,108
ACTUAL	357	23	284	50	1,170	110	1,060

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
122	CAM SQ		559	526
122	CEG SQ		124	118
122	CMN FT		21	17
122	FW HQ		59	50
122	MSP SQ		46	46
122	MSP FT		38	36
122	RMS SQ		121	118
122	THP HP		50	45
122	SPF FT		57	61
122	SVS FT		27	26
163	FGT SQ		56	60
235	ATC FT		66	67
		TOTALS	1,224	1,170

TYPE	AUTHORIZED	ASSIGNED	
KC-135 Aircraft	8	0	
F-16C Aircraft	17	25	
F-16D Aircraft	1	1	
C-26 Aircraft	1	1	
Support Equipment	153	134	
Vehicle Equivalents	273	266	

1. COMPONENT	FY 1995 MILITARY CON	STRUCTION PROJECT DATA	2. DATE
ANG		generated)	
3. INSTALLATION	AND LOCATION	4. PROJECT TITLE FUEL SYSTEMS MAIN	TENANCE AND
SITE 94-03		CORROSION CONTROL	FACILITY
5. PROGRAM ELEM	ENT 6. CATEGORY CODE 7	. PROJECT NUMBER   8. PR	OJECT COST(\$000)

56296F 211-179 AT0Z909914 \$5.200

9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
FUEL SYSTEMS AND CORROSION CONTROL	SF	27,600		3,604	
FUEL SYSTEMS MAINTENANCE	SF	23,500	135	(3,173)	
PLASTIC MEDIA STRIPPING SHOP	SF	1,600	105	( 168)	
SHOP SPACE	SF	2,500	105	( 263)	
SUPPORTING FACILITIES		1		1,110	
UTILITIES	LS	}		( 250)	
PAVEMENTS	LS	]		( 175)	
SITE IMPROVEMENTS	LS	<u> </u>	!	( 235)	
FIRE SUPPRESSION	LS			( 250)	
DEMOLITION	LS	)		(200)	
SUBTOTAL	l			4,714	
CONTINGENCY (5%)				236	
TOTAL CONTRACT COST	1			4,950	
SUPERVISION, INSPECTION AND OVERHEAD (5%)			•	248	
TOTAL REQUEST	]	1		5,198	
TOTAL REQUEST (ROUNDED)				5,200	
	]				
	1			}	

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry/insulated metal panel walls. Utilities, access pavements, site improvements, an oil/water separator, and fire suppression system shall be provided. Upgrade water supply for fire suppression. Demolish Buildings 755 (1,300 SF) and 716 (125,000 SF) for a total of 126,300 SF.

Air Conditioning: 15 Tons.

11. REQUIREMENT: 27,600 SF ADEQUATE: 0 SUBSTANDARD: 126,300 SF PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission).

REQUIREMENT: This project supports the conversion from 18 F-16 to 8 KC-135 aircraft. This is also a category II environmental compliance project. The base requires a facility for the environmentally safe repair of aircraft fuel cells and for the performance of corrosion control on aircraft parts both on and off the aircraft. Functional areas include fuel cell/corrosion control bay, fuel cell repair shop, support shop space, provisions for washing, paint spray area for painting large and small parts, training and administration areas. Apron access to the facility is necessary. Environmentally safe exhaust systems to prevent air pollution and an oil/water separator to prevent corrosion contaminates or fuel spills from entering the soil/aquifer or waste water system will be required.

CURRENT SITUATION: The F-16 fuel cell is undersized and cannot be used by the larger KC-135. Due to space limitation it cannot be altered or expanded. The exhaust systems in the facility do not meet environmental air pollution standards. The present oil/water separator does not meet environmental standards and a large fuel spill would exceed the capacity

1. COMPONENT 2. DATE FY 1995 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)

3. INSTALLATION AND LOCATION

SITE 94-03

4. PROJECT TITLE

5. PROJECT NUMBER

FUEL SYSTEMS MAINTENANCE AND CORROSION CONTROL FACILITY

AT0Z909914

of the existing system and damage the environment. The facility was built in 1977 and is structurally sound. It will be reused for supply storage during the conversion and converted to AGE and equipment storage eliminating the need to build one to satisfy this requirement. The proposed location for the new facility requires the demolition of two old, antiquated and excess war house storage facilities which are in the way of construction.

IMPACT IF NOT PROVIDED: Fuel cell repair and training will have to be done outside on the ramp in an unsafe manner and in violation of technical orders. Maintenance will be delayed especially during the winter months. Inefficient training. Poor working conditions. The mission capability of the corrosion control shop and the health and welfare of its personnel will be adversely affected. Environmental statutes will be violated through air pollution, water pollution and soil contamination. Unable to reach full operational capability.

ADDITIONAL: Due to operational requirements, an economic analysis was not accomplished.

	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	
. INSTALI	ATION AND LOCATION	
ITE 94-0:		
. PROJECT	TITLE 5. P	ROJECT NUMBER
UEL SYSTI	MS MAINTENANCE AND CORROSION CONTROL FACILITY A	T0Z909914
2. SUPPI	EMENTAL DATA:	
a. Est	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 SEP 01
	(b) Percent Complete as of Jan 94	35%
	<ul><li>(c) Date 35% Designed</li><li>(d) Date Design Complete</li></ul>	94 JAN 20 94 AUG 01
	(d) Date Design Complete	94 AUG UI
(2)	Basis:	
, ,	(a) Standard or Definitive Design -	
	(b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000
	(a) Production of Plans and Specifications	190
	(b) All Other Design Costs	70
	(c) Total	260
	(d) Contract (e) In-house	260
	(e) In-nouse	
(4)	Construction Start	95 AUG
	ment associated with this project will be provided fr	om
	ent associated with this project will be provided fropriations: N/A	om
		om

1. COMPONENT	W 1005 MTI TOADY O	OMCODICOT	3N DD	0.1000 0.40		DATE
ANG	Y 1995 MILITARY CO	er generat		OJECT DAT	A	
3. INSTALLATION AN				JECT TITL	,E	
67707 A4 AA					- ACD CV	
SITE 94-03 5. PROGRAM ELEMENT	16. CATEGORY CODE				D AGE SHOP	COST(\$000)
		}				,
55296F	730-142	ATQZ90				1.950
	9. COS	r estimati	<u> </u>		UNIT	COST
	ITEM		II/M	OUANTITY		(\$000)
FIRE STATION AND A			SF SF	14,900	110	1,424
	ROUND EQUIPMENT SI	НОР	SF	4,300	60	( 258)
SUPPORTING FACILITY	•		1	}		350
UTILITIES			LS			( 200)
PAVEMENTS			LS			( 100)
SITE IMPROVEMENT	:S		LS		1	(50)
CONTINGENCY (5%)					]	1,774 _ 89
TOTAL CONTRACT COS	T.				1	1,863
SUPERVISION, INSPE	· <del>-</del>	D (5%)	İ			93
TOTAL REQUEST						1,956
TOTAL REQUEST (ROU	INDED)					1,950
						]
				Į.		
						1
				ļ		}

Description of Proposed Construction: Reinforced concrete foundation and floor slab. Walls of masonry with steel frame and roof structure. All utilities, pavements and site improvements. Alter existing building for aircraft ground equipment (AGE) shop. Relocate walls and utilities. Air Conditioning: 15 Tons.

11. REQUIREMENT: 14,900 SF ADEQUATE: 0 SUBSTANDARD: 4,300 SF

PROJECT: Fire Station and AGE Shop (New Mission).

REQUIREMENT: This project supports the conversion from 18 F-16 to 8 KC-135 aircraft. An adequately sized and properly configured facility is required for operational and training purposes to support the crash rescue and training mission of the KC-135 aircraft. A secondary benefit is the mutual response agreement with the Municipal Airport Authority. The facility must contain adequate space for eight vehicle bays, control room, training, administrative functions, kitchen, dining, bunk rooms, locker rooms, bath/shower rooms, fire extinguisher maintenance area, and storage. Space must be adequate and properly arranged for both male and female fire fighters.

CURRENT SITUATION: As a result of the KC-135 conversion, larger fire station and AGE facilities are required. The existing facility was constructed as a fire station/motor pool and can only accommodate four of the eight assigned vehicles. The kitchen, dining room and bunk room are combined into one room. Sleeping is impossible as part of the building is still utilized as an aircraft ground equipment (AGE) maintenance shop. There is no classroom available for training. The facilities are incompatible with a male/female fire fighting operation. The existing facility is structurally sound and free of asbestos. The vacated fire station area will be renovated to alleviate the space deficiencies

DAIL	TA 2. DA	CONSTRUCTION PROJECT DATA	1	1. COMPONENT	AN
	·		ION AND LOCATI	3. INSTALLATI	1
	5. PROJECT	5		4. PROJECT TI	4.
9	ATOZ		AND AGE SHOP	FIRE STATION	FI

associated with the KC-135 aircraft ground equipment shop. IMPACT IF NOT PROVIDED: Training is hampered. Response to unit and airport emergencies will not be responsive. Equipment exposed to the elements suffers accelerated deterioration. Overall efficiency and morale continue to be affected. The mission of the fire fighters is compromised. The increased fire danger that accompanies a tanker aircraft, hydrant fuel supply system and the large quantities of fuel increases the chances of a disaster with the current situation. Unable to reach full operational capabilities.

1. COMPONEN	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	,
	TION AND LOCATION	
ITE 94-03 PROJECT	TTTT D	DDO TECT MINORD
. PROJECI	11177	. PROJECT NUMBER
FIRE STATIO	N AND AGE SHOP	AT0Z909768
2. SUPPLE	MENTAL DATA:	
a. Estim	ated Design Data:	
(1)	Status:	
	a) Date Design Started	91 SEP 12
	b) Percent Complete as of Jan 94	95%
	c) Date 35% Designed	93 MAR 15
(	d) Date Design Complete	94 FEB 15
(2)	Basis:	
	a) Standard or Definitive Design -	
(	b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	a) Production of Plans and Specifications	90
	b) All Other Design Costs	55
	c) Total	145
Ć	d) Contract	145
(	e) In-house	
(4)	Construction Start	95 JUL
	nt associated with this project will be provided	from
ther appro	priations: N/A	
•		

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	4. AREA CONSTR
FORBES FIELD	ANG, KANSAS	COST INDEX
		0.90
5. FREQUENCY	AND TYPE OF UTILIZATION	

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Coast Guard Facility, 1 State Headquarters Facility, 1 Marine Reserve Facility, 1 Army Aviation Facility, 1 Naval Reserve Facility, 1 Army Reserve Center, 1 USPFO Facility and 1 Armory

	7. PROJECATEGORY CODE	CTS REQUESTED IN THIS PROGRAM:  PROJECT TITLE	FY 1995 SCOPE		COST (\$000)	DESIGN START	
	124-135	SITE RESTORATION AND FUEL STORAGE TANK REMOVAL		LS	2,950	AUG 89	NOV 93
ı	832-266	UPGRADE SANITARY SEWER SYSTEM		LS	670	SEP 93	AUG 94

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION
Unilateral Construction Approved

15 APR 93
(Date)

9. LAND ACQUISITION REQUIRED	None	
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY		COST
CODE PROJECT TITLE	SCOPE	<u>(\$000)</u>
116-665 POWER CHECK PAD WITH SOUND SUPPRESSOR	LS	600
211-179 ALTER FUEL CELL MAINTENANCE DOCK	LS	2,100
219-944 ADD TO AND ALTER BASE CIVIL ENGINEER MAINTENANCE COMPLEX	14,700 SF	1,150
880-232 FIRE SUPPRESSION SYSTEM	LS	3,200

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
	ON AND LOCATION	
FORBES FIELD A	ING, KANSAS	

### 11. PERSONNEL STRENGTH AS OF 15 AUG 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	437	40	296	101	1,068	142	926
ACTUAL	402	36	271	95	995	139	856

## 12. RESERVE UNIT DATA

	_		STREN	GTH
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL
190	ARG		69	64
117	ARS		74	66
190	CAMS		359	331
190	MSS		46	42
190	RMS		120	112
190	CES		148	100
190	SPF		75	74
190	MSF		40	35
190	SVF		30	21
190	USAFCI		55	51
8109	STU FT		0	48
126	WEAFLT		22	22
HQ	KSANG		30	29
		TOTALS	1,068	995

TYPE	AUTHORIZED	ASSIGNED
KC-135E Aircraft	10	10
Support Equipment	94	94
Vehicle Equivalents	292	348

1. COMPONENT 2. DATE FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE SITE RESTORATION AND FUEL FORBES FIELD ANG KANSAS STORAGE TANK REMOVAL 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 55256F 124-135 GU0E929597 \$2,950 9. COST ESTIMATES UNIT COST ITEM U/M QUANTITY COST **(\$000)** SITE RESTORATION AND FUEL STORAGE TANK LS 2,050 SUPPORTING FACILITIES 500 **PAVEMENTS** LS 75) UTILITIES LS 40) SITE RESTORATION LS 320) LS DEMOLITION <u>65</u>) SUBTOTAL 2,550 CONTINGENCY (10%) 255 2,805 TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) 140 TOTAL REQUEST 2,945 TOTAL REQUEST (ROUNDED) 2,950

10. Description of Proposed Construction: Demolition of POL lab, pump houses and hydrant refueling system. Excavate and replace/remove thirty tanks and tank residue (26 each 50,000 gal and 4 each 2,000 gal). Cleanup the contaminated soil and restore site. All utilities and support.

11. REQUIREMENT: As required.

PROJECT: Site Restoration and Fuel Storage Tank Removal (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. base requires an adequate site for the operation of the 10 KC-135 aircraft, training of personnel and a clean site for the construction of additional facilities.

CURRENT SITUATION: A FY 93 MILCON project currently under construction provides for a new jet fuel storage complex. After that project is completed there is the need to clean up the old site and remove the unused hydrant refueling system and pumphouses. This project demolishes the old tanks, reconfigures the roads and utilities, replaces and upgrades the other appurtenances, removes the contaminated soil and restores the site to acceptable standards so it can be reused to construct follow-on facilities. The present area is contaminated. The empty tanks and other underground POL systems must be removed to comply with the State and Federal EPA requirements.

IMPACT IF NOT PROVIDED: Non-compliance with statutes. The State and County may issue restraints and/or Notice of Violations and fines. Unable to reuse the area for other facilities. Adverse publicity for the ANG if the area is not cleaned up.

• TIMIT	LLATIC	(computer generated) ON AND LOCATION	↓	*****	
		NG KANSAS			
. PROJE	CT TI1	LE	5. PRO	JECT 1	NUMBE.
ITE RES	TORATI	ON AND FUEL STORAGE TANK REMOVAL	GUO	E92959	9.7
2. SUI	PLEMEN	TAL DATA:			
a. Es	stimate	ed Design Data:			
(1	l) šta	itus:			
	(a)	Date Design Started		89	AUG 2
		Percent Complete as of Jan 94			100
		Date 35% Designed			JUL 2
	(a)	Date Design Complete		93 1	NOV 1
(2	2) Bas	sis:			
,	-	Standard or Definitive Design -			
	(p)	Where Design Was Most Recently Used -			
(3	3) Tot	cal Cost (c) = (a) + (b) or (d) + (e):			(\$00
•		Production of Plans and Specifications			12
		All Other Design Costs			7.
		Total			19
		Contract			19
	(e)	In-house			
(4	) Cor	struction Start		9	95 JU
		associated with this project will be provided ations: N/A	d from		
	Propri	actons. Wi			

1	1. COMPONENT		2. DATE
		FY 1995 MILITARY CONSTRUCTION PROJECT DATA	
-	ANG	(computer generated)	<u></u>

3. INSTALLATION AND LOCATION

4. PROJECT TITLE

FORBES FIELD ANG KANSAS UPGRADE SANITARY SEWER SYSTEM

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

55256F 832-266 GU0E939781 \$670

9. COST ESTIMATES							
ITEM	U/M	OUANTITY	UNIT COST	COST (\$000)			
UPGRADE SANITARY SEWER SYSTEM SUPPORTING FACILITIES PAVEMENTS SITE IMPROVEMENTS SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)	LS LS LS	OUANTITY	COST	540 40 (20) (20) 580 58 638 32 670 670			

10. Description of Proposed Construction: Upgrade by replacement the existing sanitary sewer system. Upgrade sewer lines and manholes. Repair or replace sewage lift stations. Redirect some storm water and foundation drainage into the sanitary sewer. Restore site and modify underground utilities as required.

11. REQUIREMENT: As required.

PROJECT: Upgrade Sanitary Sewer System (Current Mission).

<u>REQUIREMENT</u>: This is a level II environmental compliance project. The base requires an environmentally safe and functional sanitary sewer system to support operations and to comply with environmental and health regulations.

CURRENT SITUATION: The infiltration of storm water into the sanitary sewer system has been recorded at nearly 2000% above the acceptable design level of 1980. The situation has become worse since that time. Manholes and sewer lines have continued to deteriorate. This level of infiltration is overloading the existing sewage treatment facility. Much of the infiltration is from foundation drains, roof drains and yard drains which discharge directly into the sanitary sewer. This is in violation of current Clean Water Act regulations. The City of Forbes sanitary system cannot accept and treat the extra water. The city has directed the ANG to insure no water infiltration enters the system.

IMPACT IF NOT PROVIDED: The City of Topeka will complete a new sewer line within a year to serve Forbes. The new fee schedule will not only charge Forbes for the infiltration/inflow, but will also impose a penalty for exceeding acceptable infiltration/inflow rates. The base will continue to be in violation of Federal Clean Water Act regulations. The potential will remain for the sanitary sewer to leach into surrounding soil and to

1. COMPONENT FY 1995 MILITARY CONSTRUCTION	PROJECT DATA	2. DATE
ANG (computer generated 3. INSTALLATION AND LOCATION	1)	
FORBES FIELD ANG KANSAS A. PROJECT TITLE	5. PRO	JECT NUMBER
PGRADE SANITARY SEWER SYSTEM	GUC	E939781
contaminate nearby groundwater. Higher operatinegative publicity for the Air Force and the Ai	ng costs and poss	sible
legacive publicity for the All Force and the Al	. Nacional Guard	•
		-

	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated) ATION AND LOCATION	<b></b>
. INSTALL	ATION AND LOCATION	
	LD ANG KANSAS	
. PROJECT	TITLE 5. P.	ROJECT NUMBER
PGRADE SA	NITARY SEWER SYSTEM G	UOE939781
2. SUPPI	EMENTAL DATA:	
a. Est	mated Design Data:	
(1)	Status:	
	(a) Date Design Started (b) Percent Complete as of Jan 94	93 SEP 15 35%
	(c) Date 35% Designed	94 JAN 20
	(d) Date Design Complete	94 AUG 01
(2)	Basis:	
	(a) Standard or Definitive Design -	
	(b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	30
	(b) All Other Design Costs (c) Total	10 40
	(d) Contract	40
	(e) In-house	
(4)	Construction Start	95 JUL
. Equip		
. Equip	Construction Start  nent associated with this project will be provided fr	
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1. COMPONENT ANG	FY 1995 GUARD AN MILITARY CONST			2. DATE	
	ION AND LOCATION	ROCITON		4. AREA	CONSTR
	IELD ANG, KENTUCKY				INDEX
				0.9	
5. FREQUENCY	AND TYPE OF UTILIZATION				
	ly assemblies per year, 15				
year, daily	use by technician force, s	upport of a 7-da	ay week	airlift	
nission.					
C OTHER ACT	IVE/GUARD/RESERVE INSTALLA	TTONG LITTUTN 15	MITTE DA	DILLE	
	nal Guard Armory, 1 Army R				_
Facility	nai Guard Armory, I Army R	eserve ractificy	, I Nava	T VEZETAG	3
actificy					
<del></del>					·
	REQUESTED IN THIS PROGRAM:	FY 1995	COCT	DECTON (	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN S	
VAND	LROVEOT TITLE	DOOFE	7.40007	SIVKI	OHEL
211-179 FUE	L CELL AND CORROSION	14,500 SF	2,950	SEP 93	JUL 94
	NTROL FACILITY	,•••	_,,		
R. STATE RES	ERVE FORCES FACILITIES BOA	RD RECOMMENDATI	אכ		
	ERVE FORCES FACILITIES BOA eral Construction Approved		ON MC	_3_AUG	
Unilat	eral Construction Approved	·	N	3 AUG (Date	
Unilat				(Date	e)
Unilat	eral Construction Approved	None			e)
Unilat	eral Construction Approved	None		(Date	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEAR	None	COST	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE	eral Construction Approved ISITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE	None	(Note: 1000)	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	(Note: 1000)	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX	None S SCOPE LS	COST (\$000) 3,400	(Date	e)
Unilat  D. LAND ACQU  LO. PROJECTS CATEGORY  CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  D. LAND ACQU  LO. PROJECTS CATEGORY  CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  D. LAND ACQU  LO. PROJECTS CATEGORY  CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	e)
Unilat  9. LAND ACQU  10. PROJECTS CATEGORY CODE  124-135 JET 214-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)
Unilat  D. LAND ACQU  O. PROJECTS CATEGORY CODE  24-135 JET 14-425 VEH	eral Construction Approved ISITION REQUIRED  PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  FUEL STORAGE COMPLEX ICLE MAINTENANCE AND AERIA	None S SCOPE LS	COST (\$000) 3,400	(Date	2)

### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION STANDIFORD FIELD ANG, KENTUCKY 11. PERSONNEL STRENGTH AS OF 30 SEP 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	298	12	66	220	1,331	182	1,149
ACTUAL	291	12	66	213	1,190	168	1,022

### 12. RESERVE UNIT DATA

	•	ST		GTH
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL
223	COMMSQ		54	45
165	WEAFLT		16	13
123	COMFLT		21	15
123	MAPS		106	100
123	SERFLT		34	29
123	HQ AW		25	20
123	MSSQ		45	43
123	CAM SQ		273	240
123	TAC HS		72	63
123	HQ AW		78	70
165	AS		130	117
123	CES		186	170
123	SP FLT		57	52
123	RMS		120	120
123	MS FTL		40	39
123	HQKYAN		26	26
8123	STU FT		48	28
		TOTALS	1,331	1,190

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	12	12
Support Equipment	112	75
Vehicle Equivalents	284	286

<del>,</del>							
1. COMPONENT						2.	DATE
ļ	FY 1995 MILITARY CONSTRUCTION				DJECT DATA	A	1
ANG	(computer generated)						
3. INSTALLATI	ON ANI	LOCATION	_	4. PRO	JECT TITLI	3	
				FUEL C	ELL AND CO	DRROSION	
STANDIFORD FI	ELD A	NG_KENTUCKY		CONTRO	L FACILITY	Y	
5. PROGRAM EI	EMENT	6. CATEGORY CODE	7. PRO				COST(\$000)
			1		ļ		
55256F		211-179	WEAS	929862		:	\$2.950
		· · · · · · · · · · · · · · · · · · ·	r ESTIMA				
					1	UNIT	COST
		ITEM		U/M	QUANTITY	COST	(\$000)
FUEL CELL ANI	CORR	OSION CONTROL FAC	ILITY	SF	14,500		2,069
FUEL SYSTEM	IS MAII	NTENANCE DOCK		SF	12,800	145	( 1,856)
SHOP SPACE				SF	1,700	125	
SUPPORTING FA	CILIT	IES			'		605
UTILITIES				LS	1	Ì	( 175)
PAVEMENTS				LS		]	( 150)
SITE IMPROV	EMENT:	S		LS	1		( 30)
FIRE SUPPRI	ESSION	SYSTEM		LS			(250)
SUBTOTAL				<b>\</b>	1	}	2,674
CONTINGENCY	(5%)					1	134
TOTAL CONTRAC	•	r				}	2,808
SUPERVISION.	INSPE	CTION AND OVERHEAD	D (5%)		1		140
TOTAL REQUEST			• •				2,948
TOTAL REQUEST		NDED)		Ì			2,950
	•	•			B .		1 7 1

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry/insulated metal panel walls. Structure shall be steel frame with standing seam metal roof. Utilities, access pavements, site improvements, an oil/water separator, and fire suppression. All utilities and support.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 14,500 SF ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: Fuel Cell and Corrosion Control Facility (Current Mission).
REQUIREMENT: This is a level II environmental compliance project. A facility for the environmentally safe repair of aircraft fuel cells and bladders and for performing corrosion control on aircraft parts both on and off the aircraft is required. Functional areas include fuel cell/corrosion control dock, bladder repair shop, support shop space, paint spray area for painting large and small parts, training and administration areas. Environmentally safe exhaust systems to prevent air pollution and an oil/water separator to prevent corrosion contaminates or fuel spills from entering the soil/aquifer or waste water system are required.

CURRENT SITUATION: The base does not have a facility for accomplishing fuel cell and corrosion control on C-130 aircraft. The work is accomplished outdoors in violation of technical orders and environmental regulations. The facility utilized for these functions prior to converting to cargo aircraft was designed for fighter aircraft and cannot be economically added to or altered to provide the necessary support for the C-130 aircraft. This existing facility is being utilized for other requirements. Interim solutions are costly and extreme care must be taken so as not to create an unsafe or environmentally dangerous work place.

1. COMPONENT			2. DATE
ì	FY 1995 MILITARY CONSTRUCTION 1		
ANG	(computer generated)	)	
3. INSTALLATI	ON AND LOCATION		•
STANDIFORD FI	IELD ANG KENTUCKY		
4. PROJECT T	TLE	5. PR	OJECT NUMBER
FUEL CELL AND	CORROSION CONTROL FACILITY	WF WF	AS929862

Continued use of interim measures will lead to air and/or water pollution and soil contamination. As part of an approved agreement between the Air Force and the Standiford Field Airport authority, the ANG base will relocate from the present site to another area of the base. The airport authority is responsible for relocating the existing facilities on a square foot per square foot basis. The Air National Guard is responsible for programming additional facilities for the authorized and minimum required scope. This is one of the projects.

IMPACT IF NOT PROVIDED: Maintenance is delayed especially during the winter months. Inefficient training results from the poor working conditions. The mission capability of the corrosion control shop and the health and welfare of its personnel is adversely affected. The unit will not be able to support the corrosion control and fuel cell functions. Environmental statutes will be violated through air pollution, water pollution and soil contamination.

ADDITIONAL: An exception to the economic analysis requirement has been prepared. The paper presents the rational for only one alternative which is to construct the fuel cell and corrosion control dock.

	NT FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	<b>'</b>
	ATION AND LOCATION	
rannt <del>r</del> odt	FIELD ANG KENTUCKY	
. PROJECT		. PROJECT NUMBE
JEL CELL	AND CORROSION CONTROL FACILITY	WEAS929862
2. SUPPL	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 SEP 3
	(b) Percent Complete as of Jan 94	35
	<ul><li>(c) Date 35% Designed</li><li>(d) Date Design Complete</li></ul>	94 JAN 1 94 JUL 1
	(d) Date Design Complete	94 JUL 1
(2)	Basis:	
	(a) Standard or Definitive Design -	
	(b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$00
• •	(a) Production of Plans and Specifications	14
	(b) All Other Design Costs	7
	(c) Total	21
	(d) Contract (e) In-house	21
(4)	Construction Start	95 AP
(4)		95 AP
<b>(4)</b>		95 AP
	Construction Start	
. Equipm	Construction Start  nent associated with this project will be provided	
. Equipm	Construction Start	
. Equipm	Construction Start  nent associated with this project will be provided	
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ANG	FY 1995 GUARD AND MILITARY CONSTRU			2. DATE	
. INSTALLATION				4. AREA	CONSTR
· · · · · · · · · · · · · · · · · · ·		·····			05
Twelve monthly	D TYPE OF UTILIZATION assemblies per year, 15 o chnician/AGR force and fo		aining p	er year,	
	GUARD/RESERVE INSTALLAT				rve
	UESTED IN THIS PROGRAM:	FY 1995	<del></del>		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
124-135 REPLAC	E UNDERGROUND STORAGE TANKS	LS	840	FEB 90	JUN 92
	ING VEHICLE MAINTENANCE	1,700 SF	379	SEP 93	AUG 94
Unilatera	E FORCES FACILITIES BOARI 1 Construction Approved		ON	14 OCT	
Unilatera	l Construction Approved	RECOMMENDATI		(Dat	e)
Unilatera 9. LAND ACQUISI 10. PROJECTS PL CATEGORY	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST		e)
Unilatera  D. LAND ACQUISI  O. PROJECTS PL	1 Construction Approved		(N	(Dat	e)
Unilatera  D. LAND ACQUIST  O. PROJECTS PL  CATEGORY	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  D. LAND ACQUIST  LO. PROJECTS PL  CATEGORY	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  D. LAND ACQUIST  O. PROJECTS PL  CATEGORY	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera 9. LAND ACQUISI 10. PROJECTS PL CATEGORY	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera 9. LAND ACQUISI 10. PROJECTS PL CATEGORY	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION BANGOR INTERNATIONAL AIRPORT, MAINE 11. PERSONNEL STRENGTH AS OF 31 AUG 93 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 379 128 33 282 64 1,065 937 1,005 ACTUAL 368 31 274 63 121 884

12. RESERVE UNIT	DATA
------------------	------

			STRENGT	
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
101	AREFW		75	60
101	MSS		46	42
101	CAMS		359	302
101	USAFCL		55	51
132	AREFS		74	71
101	CES		172	157
101	SVF		27	26
101	SPF		97	91
101	RMS		120	114
101	STU FT		0	53
1011	MSF		40	38
		TOTALS	1,065	1,005

TYPE	AUTHORIZED	ASSIGNED
KC-135E Aircraft	10	10
Support Equipment	119	94
Vehicle Equivalents	349	451

1. COMPONENT							2. DATE
	FY	1995 MILITA	RY CO	NSTRUCI	TION PROJECT	DATA	
ANG		(cc	mpute	r gener	rated)		
3. INSTALLATION BANGOR INTERNA			INE		4. PROJECT REPLACE UND FUEL STORAG	erground	
5. PROGRAM ELE							CT COST(\$000)
55256F		124-135		FKNI	1909616		\$840
		9,	COST	ESTIM/	TES		
I					1 1	1	1 2000

ITEM		OUANTITY	UNIT COST	COST (\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS SUPPORTING FACILITIES UTILITIES PAVEMENTS SITE RESTORATION SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST	LS LS LS	OANTI	6031	620 105 ( 10) ( 10) ( 85) 725 
TOTAL REQUEST (ROUNDED)				840

- 10. Description of Proposed Construction: Excavate and remove 15 tanks. Replace 14 tanks. Dispose of the tanks, tank residue, and the contaminated soil. Restore the sites.
- 11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). **<u>REQUIREMENT</u>**: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and

County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	
. INSTALLAT	ON AND LOCATION	
ልክሮለው ተ <b>ለም</b> ሞውነ	VATIONAL AIRPORT MAINE	
. PROJECT T		PROJECT NUMBER
	••	
EPLACE UNDE	RGROUND FUEL STORAGE TANKS	FKNN909616
2. SUPPLEME	ENTAL DATA:	
a. Estimat	ted Design Data:	
(1) St	tatus:	
	) Date Design Started	90 FEB 23
	Percent Complete as of Jan 94	100%
	Date 35% Designed	90 DEC 11
(α,	) Date Design Complete	92 JUN 01
(2) Ba	asis:	
(a)	) Standard or Definitive Design -	
(b)	) Where Design Was Most Recently Used -	
(3) To	otal Cost (c) = (a) + (b) or (d) + (e):	(\$000
	Production of Plans and Specifications	44
	All Other Design Costs	22
(c)	) Total	66
	) Contract	66
(e)	) In-house	
(4) C	onstruction Start	95 MAY
. Equipmen	t associated with this project will be provided	from
ther approp	riations: N/A	
		•
		•
		•

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE		
ANG	MILITARY CONSTRUCTION	<u>l</u>		
3. INSTALLATIO	ON AND LOCATION	4. AREA CONSTR		
ALPENA COUNTY	ALPENA COUNTY REGIONAL AIRPORT MICHIGAN			
<u></u>		1.05		

5. FREQUENCY AND TYPE OF UTILIZATION

Daily use by full time personnel, used by up to 40 visiting military units per year for periods ranging from 2 days to 4 weeks.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
- 1 Army National Guard Armory

7. PROJEC	CTS REQUESTED IN THIS PROGRAM:	FY 1995	COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE		START CMPL
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	L:	385	NOV 91 JUN 94
179-511	REGIONAL FIREMEN TRAINING FACILITY	L	750	SEP 93 AUG 94

8.	STATE	RESERVE	FORCES	FACILITIES	BOARD	RECOMMENDATION		
	Uni	llateral	Constr	uction Appro	oved		<u>17</u>	FEB 93
								(Date)
Q	I.AND	COULSTE	TON PROI	ITPEN	7	Ione		

9. LAND ACQUISITION REQUIRED	None	
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY		COST
CODE PROJECT TITLE	SCOPE	<u>(\$000)</u>
116-922 AIRCRAFT ARRESTING SYSTEM	LS	1,950
219-944 BASE CIVIL ENGINEERING MAINTENANCE COMPLEX	14,400 SF	2,200
442-758 BASE SUPPLY WAREHOUSE	25,200 SF	4,000
730-142 FIRE STATION AND AGE	17,900 SF	2,750
832-266 SANITARY SEWER LINE	40,000 LF	2,100

L. COMPONENT			GUARD AND			2. DA	TE
ANG 3. INSTALLATI	ON AND I		ARY CONSTR	UCTION		<del></del>	
ALPENA COUNTY			T MICHIGAN	Г			
11. PERSONNEL	STRENGT	TH AS OF	17 FEB 93				
			MANENT			ARD/RES	
AUTHORIZED	151	OFFICER 8	ENLISTED 74	CIVILIAN 69	TOTAL 0	FFICER 8	ENLISTE 74
ACTUAL	126	8	64	54	72	8	64
12. RESERVE U	NIT DATA						
		GIGNATION		S	TRENGTH	TUAL	
		IGNALION		AUTHORIZE		IUAL	
	CRTC		TOTALS	<u>82</u> 82		7 <u>2</u> 72	
3 MATOD POU	T DME were	IND ATPOP	A ET				
13. MAJOR EQU		AND AIRCR	AFT	ATHRUANT	<b>.</b>	G. G. W. D.	
I	YPE	AND AIRCR	AFT	AUTHORIZE	D AS	SIGNED	
T Support Equip	YPE ment	AND AIRCR	AFT	122	D AS	122	
I	YPE ment	AND AIRCR	AFT		D AS		
T Support Equip	YPE ment	AND AIRCR	AFT	122	D AS	122	

1. COMPONENT								2.	DATE
F	Y 1995 MILITARY C	ONSTRUC'	[[0]	Y PR	OJECT	DATA	4		
ANG	(comput	er gene	rate	ed)					
3. INSTALLATION AN			4.	PRO.	JECT :	CITLE	Ε		
ALPENA CITY REGION	AL AIRPORT (ANG)		I -		AL FI	REME	TRA1	INI	1G
MICHIGAN	1	I =		HLI					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO.	JECT	r NUI	MBER	8. 1	ROJE	T (	COST(\$000)
55256F	179-511	TDV	<b>391</b> 9	9603					\$750
		r estim	ATES	3					
				_			UNIT	C	COST
	ITEM			U/M	QUAN	CITY	COST		(\$000)
REGIONAL FIREMEN T	RAINING FACILITY			LS					430
SUPPORTING FACILIT	IES								215
UTILITIES				LS					( 140)
PAVEMENTS				LS					( 50)
SITE IMPROVEMENT	S			LS	}				( <u>25</u> )
SUBTOTAL									645
CONTINGENCY (10%)	_				ļ				65
TOTAL CONTRACT COS	_	D / E#\							710
SUPERVISION, INSPE	CIION AND OVERHEA	D (5%)							36
TOTAL REQUEST	MUEU/								746
TOTAL REQUEST (ROU	(עשעא)				l				750
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10. Description of Proposed Construction: Standard burn and draft pit, block building. all necessary utilities. and burn equipment.

11. REQUIREMENT: As required.

PROJECT: Regional Firemen Training Facility (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. Alpena serves as a regional training site for the total Force. The training facility is used by ground and air forces of the active and reserve components. The base requires a properly designed, correctly configured and environmentally safe fire training facility to support units who deploy there for training.

CURRENT SITUATION: The base does not have an environmentally approved fire training pit to accomplish the training. Personnel must now accomplish training in a makeshift or simulated environment that does not properly satisfy the training experience. Due to environmental considerations, the ANG has been forced to close the firemen training facilities. The concept of operation is to train at regional centers in conjunction with other deployments at one of the Combat Training Centers such as Alpena.

IMPACT IF NOT PROVIDED: Unable to properly train. Increased operating costs and decreased readiness.

<u>ADDITIONAL</u>: There are numerous ANG locations that have the requirement for this type of training. This project will serve as a regional training center for other ANG locations.

NG . INSTAL	LATIC	(computer generated) ON AND LOCATION		
IDDWA CI	MW DE	ECTAWAL ATARARM (ANC.) MICHIGAN		
. PROJEC		EGIONAL AIRPORT (ANG) MICHIGAN	5. PROJ	ECT NUMBER
EGIONAL	FIRE	MEN TRAINING FACILITY	TDVG	919603
2. SUPP	LEMEN	NTAL DATA:		
a. Est	imate	ed Design Data:		
(1)		atus:		
		Date Design Started		93 SEP 20
		Percent Complete as of Jan 94		35%
		Date 35% Designed		94 JAN 20
	(a)	Date Design Complete		94 AUG 01
(2)	Bas	sis:		
(-)		Standard or Definitive Design -		
		Where Design Was Most Recently Used -		
(3)		tal Cost (c) = (a) + (b) or (d) + (e):		(\$000
		Production of Plans and Specifications		38
		All Other Design Costs		11
	(c)			49
		Contract		49
	(e)	In-house		
(4)	Cor	nstruction Start		95 JUN
		associated with this project will be providiations: N/A	led from	
		·		

		GUARD AND RI				2. DATE	
ANG	LLATION AND LOCATION	RY CONSTRUCT	ITON			4. AREA	CONCT
PETLET DG	E ANG BASE, MICHIGAN						INDEX
E EDBOIL	ENCY AND TYPE OF UTILI	ZAMION				<del>                                     </del>	07
Twelve m	onthly assemblies per ; ily use by technician/	year, 15 day				ning per	
	ACTIVE/GUARD/RESERVE eserve Centers, 2 Army						mory
	CTS REQUESTED IN THIS	PROGRAM: F	Y 1995				
CATEGORY			00000		COST	DESIGN	
CODE	PROJECT TITLE	•	SCOPE		(\$000)	START	CMPL
	UPGRADE HEATING SYSTE			LS		APR 93	
871–185	UPGRADE STORM DRAINAG SYSTEM	E		LS	840	MAR 92	AUG 9
	RESERVE FORCES FACILI		RECOMMENI	DATI	ON		
Un	ilateral Construction	Approved				<u>17 FEB</u> (Dat	
9. LAND	ACQUISITION REQUIRED	N	one				<u> </u>
,		-,	<b></b>		(N	umber of	Acres
10. PROJ	ECTS PLANNED IN NEXT F	OUR YEARS			(1)		
CATEGORY					COST		
CODE	PROJECT TITLE		SCOPE		(\$000)		
*****	**************************************	•	XXXX		TAAAAT		
149-962	CONTROL TOWER			LS	2,700		
171~450	MEDICAL TRAINING FACI	LITY	18,300				
211–179	(ANG/AFRES) ALTER FUEL CELL AND C CONTROL HANGAR	ORROSION	21,000	sf	800	•	
210.044	BASE CIVIL ENGINEERIN MAINTENANCE FACILITY		27,700	sf	3,800		
<b>417-744</b>	DINING HALL (ANG/AFRE		16,000	SF	1,500		
			,		5,700		
722-351	UPGRADE BASE HEATING PHASE III	SYSTEMS		LS	3,700		

1. COMPONENT			GUARD AND		2. D.	ATE
ANG			ARY CONSTR	UCTION		
3. INSTALLATI						
SELFRIDGE ANG	BASE,	MICHIGAN				
11. PERSONNEL	STRENC	TH AS OF	17 SED 03			
II. FERSONNEL	SIRENG	III AD UF	17 361 93			
	=====		MANENT		GUARD/RE	
			ENLISTED		TOTAL OFFICER	
AUTHORIZED	1,042	39	527	476	1,984 215	1,769
ACTUAL	1,020	37	544	439	1,797 197	1,600
2. RESERVE U	NIT DAT	'A				
					RENGTH	
	UNIT DE	SIGNATION		AUTHORIZEI	<u>ACTUAL</u>	
	127	SVCS		27	21	
	107			49	52	
	127	CAMS		460	438	
		MSS		46	45	
	127			73	64	
	127	FW		59	54	
	127	COM FT		21	14	
	127	SPF		57	55	
	127	MSS FT		33	27	
	127	RMS		120	119	
	107	WX FLT		18	18	
		SVCS		34	26	
	171	FIS		39	47	
	191	MSS		44	41	
		CAM		403	345	
		FIG		64	54	
		CLINIC		55	52	
		CES		136	117	
		SPF		85	64	
		RMS		124	108	
	191	MSF	TOTAL C	37	36	
			TOTALS	1,984	1,797	
13. MAJOR EQU	JIPMENT	AND AIRCE	AFT	·	<del> </del>	
1	TYPE			AUTHORIZE	ASSIGNED	
F-16A/B Aircr	raft			42	42	
C-26B Aircraf				1	1	
Support Equip				277	259	
Vehicle Equiv				739	883	
	· • • • • •			,	555	

1. COMPONENT			2. DATE
	FY 1995 MILITARY CO	INSTRUCTION PROJECT DATA	
ANG	(compute	r generated)	
3. INSTALLATIO	ON AND LOCATION	4. PROJECT TITLE	•
SELFRIDGE ANG	BASE MICHIGAN	UPGRADE HEATING SYS	TEMS

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

55256F 821-116 VGLZ929901 \$5.400

COST ESTIMATES UNIT COST U/M QUANTITY COST (\$000) ITEM UPGRADE HEATING SYSTEMS 3,200 1,470 SUPPORTING FACILITIES LS UTILITIES 300) LS **PAVEMENTS** 170) SITE IMPROVEMENTS LS 100) LS DEMOLITION 300) LS ASBESTOS REMOVAL 600) 4,670 SUBTOTAL CONTINGENCY (10%) 467 5,137 TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) 257 TOTAL REQUEST 5.394 TOTAL REQUEST (ROUNDED) 5,400

10. Description of Proposed Construction: Demolition of the existing steam distribution system serving 13 of 23 buildings on the East side of the base. Installation of packaged heating systems in each affected building. All utilities and support. Demolish Building 123 (600 SF).

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. The base requires an adequate heating system which is economical to maintain, operate and does not pollute the air and ground water. This project includes Buildings 3, 5, 7, 9, 15, 17, 18, 24, 25, 32, 33, 34, and 50. CURRENT SITUATION: The base has an antiquated central heating plant which serves in excess of 30 buildings through a system of approximately six miles of underground and above ground high temperature hot water lines. The central plant has old boilers which are uneconomical to operate. The plant emissions do not meet Federal and State air quality standards. There are numerous health and safety violations. The lines serving the buildings are old and poorly insulated. They need immediate replacement. There are numerous and substantial losses of energy through leaks. The pipes have asbestos insulation. The electrical connections are old and corroded. The plant uses coal and the coal storage piles cause pollution of the groundwater. It is uneconomical to upgrade the heating plant to meet air quality standards. Similarly, it is uneconomical to provide an impervious surface such that the coal piles do not pollute the groundwater. The plant must be operated thoughout the year to allow for the supply of hot water to the various buildings. This project will provide smaller energy efficient heating units that will be more economical to operate and maintain. The grouping/phasing was determined

1. COMPONENT  FY 1995 MILITARY CONSTRUCTION PROJECT DATA  ANG  (computer generated)	TA	2. DA	TE
3. INSTALLATION AND LOCATION SELFRIDGE ANG BASE MICHIGAN		•	
4. PROJECT TITLE	5. F	PROJECT	NUMBER
HDCDADE HEATING CUCTEMO	1 1	TOT 70000	A 1

by an extensive study and economic analysis.

IMPACT IF NOT PROVIDED: Large energy losses. Inadequate heating for over 30 buildings. Health and safety hazards. Increasing operating costs. Violation of the Federal and State environmental laws. Possible shut down of the system with partial shut down of the base.

ADDITIONAL: A life cycle economic analysis has been prepared comparing all reasonable options for accomplishing this project. The analysis indicates that the grouping of the boilers into packaged units is the most economical alternative.

1. COMPONENT	2. DATE
FY 1995 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)	A
3. INSTALLATION AND LOCATION	·
SELFRIDGE ANG BASE MICHIGAN	
4. PROJECT TITLE	5. PROJECT NUMBER
UPGRADE HEATING SYSTEMS	VGLZ929901
12. SUPPLEMENTAL DATA:	
a. Estimated Design Data:	
(1) Status:	
(a) Date Design Started	93 APR 14
(b) Percent Complete as of Jan 94	65%
(c) Date 35% Designed (d) Date Design Complete	93 OCT 15 94 AUG 15
(a) pace pesign complete	24 NOG 13
(2) Basis:	
<ul><li>(a) Standard or Definitive Design -</li><li>(b) Where Design Was Most Recently Used -</li></ul>	
(3) Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000)
(a) Production of Plans and Specifications	215
(b) All Other Design Costs	120
(c) Total	335
(d) Contract	335
(e) In-house	
(4) Construction Start	95 JUN
b. Equipment associated with this project will be provide other appropriations: N/A	ed from
other appropriations. Wh	

1. COMPONENT			<del></del>						2.	DATE
1. Goth Grant	FY	7 1995 MILITARY CO	NSTRUCT	101	N PR	JECT	DATA	1	١٠.	D1112
ANG		(compute	er gener	at	ed)					
3. INSTALLATION	ANI	LOCATION		4.	PRO.	JECT 1	CITLE	3	,	
				UP	GRAD!	E STOR	RM DE	RAINA	GE	
SELFRIDGE ANG BA					STEM					<del> </del>
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJ	EC:	r nui	MBER	8. F	ROJE	CT	COST(\$000)
FFAFAR		071 105	1701							<b>*</b> 0.40
55256F		871-185	VGL2							\$840
		7. GUS	BOILT	LE	í	<del></del>		UNI	r	COST
		ITEM			U/M	QUANT	TITY		-	(\$000)
UPGRADE STORM DI	RAIN	NAGE SYSTEM			LS					550
SUPPORTING FACII	LITI	ES								175
UTILITIES					LS					( 150)
PAVEMENTS					LS (					( 15)
SITE IMPROVEMI	ENTS	5			LS					(10)
SUBTOTAL					ł					725
CONTINCENCY (10	•	_								
TOTAL CONTRACT (			\ / E # \							798
TOTAL REQUEST	SPEC	CTION AND OVERHEAD	(5%)							<u>40</u> 838
TOTAL REQUEST (1	DOIIN	ותשתנ			1					840
TOTAL KEGOEST (1	KOOI	(עפט)								840
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10. Description of Proposed Construction: Install emergency back-up power generators and appurtenances. Replace pumps and motors.

11. REQUIREMENT: As required.

PROJECT: Upgrade Storm Drainage System (Current Mission). REQUIREMENT: The base has to plan for the strong possibility of partial flooding and severe environmental contamination of large areas of the base. Water must be continuously pumped from the base because the base surface level is about two feet below the adjacent level of Lake Huron. If pumping does not occur, the water table will rise on base and cover a large portion of the land and the airfield similar to the flooding that occurred along the Mississippi and Missouri rivers in the summer of 1993. **CURRENT SITUATION:** Storm pumps operate on commercial power. This is insufficient and has been a major concern due to the potential for a major disaster and is part of the base environmental compliance plan. During severe storms and especially during non-duty hours, personnel are recalled and portable generator units must be connected when a commercial power loss occurs. Many close calls to disastrous flooding have occurred. project will install automatic starting generators with an alarm capability in case the generators do not start. The pumps and motors are old and do not work properly. Spare parts are not available. IMPACT IF NOT PROVIDED: Large areas of the base may become flooded, including one third of the base where the ANG cantonment area is located. Potential for flooding of the airfield exists. Potential shut down of operations. Serious damage to facilities and extreme damage to the environment may result because the base hazardous materials and storage areas will become flooded.

. COMPONE		2. DATE
NG	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	
	ATION AND LOCATION	
DI DDI DAD	ANG DAGD MIGUIGAN	
. PROJECT	ANG BASE MICHIGAN	PROJECT NUMBER
· IKOODOI	3.	I KOODOI NONDE
PGRADE ST	ORM DRAINAGE SYSTEM	VGLZ939527
2. SUPPL	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	92 MAR 15
	(b) Percent Complete as of Jan 94	100%
	(c) Date 35% Designed	93 FEB 01
	(d) Date Design Complete	93 AUG 01
(2)	Basis:	
	(a) Standard or Definitive Design -	
	(b) Where Design Was Most Recently Used -	
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	3(
	(b) All Other Design Costs	9
	(c) Total	39
	(d) Contract	39
	(e) In-house	
(4)	Construction Start	95 JUN
	ent associated with this project will be provided	from
ther appr	opriations: N/A	

1. COMPONENT ANG	FY 1995 GUARD AND MILITARY CONST			2. DATE
	N AND LOCATION GIONAL AIRPORT, MICHIGAN			4. AREA CONSTR COST INDEX 1.05
welve monthly	ND TYPE OF UTILIZATION assemblies per year, 15 e by technician/AGR force			ning per
	E/GUARD/RESERVE INSTALLA 1 Guard Armories, 1 Army			
CATEGORY	QUESTED IN THIS PROGRAM:		COST	DESIGN STATUS
CODE	PROJECT TITLE STATION AND AIRCRAFT	SCOPE	(\$000)	START CMPL NOV 91 APR 94
	EVE FORCES FACILITIES BOA		ION	17 FEB 93
Unilater	al Construction Approved		ION	17 FEB 93 (Date)
Unilater 9. LAND ACQUIS	eal Construction Approved	None		
Unilater  9. LAND ACQUIS  10. PROJECTS P	al Construction Approved	None		(Date)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	Tal Construction Approved	None S	COST	(Date)
Unilater  P. LAND ACQUIS  LO. PROJECTS P  CATEGORY  CODE	Tal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Date)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	Tal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Date)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	Tal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Date)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	Tal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Date)

1. COMPONENT ANG			GUARD AND	· –		2. DA	TE
3. INSTALLATI W K KELLOGG R			MICHIGAN				
11. PERSONNEL	STRENG	TH AS OF	6 AUG 93			·· <del>•</del> ·· · · · · · · · · · · · · · · · · · ·	<del>- 100 - 1</del>
		PER	MANENT			GUARD/RES	ERVE
AUTHORIZED ACTUAL	TOTAL 283 268	<u>OFFICER</u> 23 24	ENLISTED 250 234	CIVILIAN 10 10	TOTAL 1,093 1,011	<u>OFFICER</u> 95 98	ENLISTED 998 913

12. RESERV	VE UNIT DAT	A	-		
				STREN	GTH
	UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
	110	CE SQ		125	118
	110	SVS SQ		25	23
	110	MSS SQ		45	42
	110	MSS FT		40	41
	110	AIR MT		421	371
	110	RES SQ		120	114
	110	FT GRP		55	57
	110	TAC CL		33	35
	172	FLT SQ		50	51
	110	SECPFL		57	51
	HQ	AGO		31	31
	HQ	ALPENA		91	77
			TOTALS	1,093	1,011
				-,075	-,

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ASSIGNED
A-10 Aircraft	18	22
Support Equipment	92	83
Vehicle Equivalents	235	253

1. COMPONENT							2	. DATE	3
	F?	7 1995 MILITARY C	ONSTRUCT	TION P	ROJEC:	C DAT	A.		
ANG			er gener	ated)					
3. INSTALLATIO	N ANI	LOCATION		4. PR	OJECT	TITL	E		
							D AIRCR	AFT	
<u>W K KELLOGG AI</u>							NT SHOP		
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PROS	JECT N	UMBER	8.	PROJECT	COST	(\$000
					_				
55296F		730-142		/00312	3	<del></del>		\$1.60	00
		9. 603	r estima	1165	<del></del>	-	l mart m	1 00	000
		ITEM			M QUAI	שידידיש	UNIT		OST 000)
PIDE CTATION A	ND SI	JPPORT EQUIPMENT	SHUB	SF		,700	COST		1,179
FIRE STATION A		offort Equipment	SHOT	SF		,200	10		1,071
ALTER SUPPOR		ITPMENT SHOP		SF		,500	2.	h	108
SUPPORTING FAC	-				'	, , , , ,	_	1	290
UTILITIES				LS				1	88
<b>PAVEMENTS</b>				LS				1 6	79
SITE IMPROVE	MENTS	5		LS				1	74
PRE-WIRED WO	RK ST	CATIONS		LS					10
DEMOLITION/A	SBEST	COS REMOVAL		LS	1			(_	39
SUBTOTAL								1	L,469
CONTINGENCY (5	-	_			ł			_	73
TOTAL CONTRACT		=	_ /=~.				! !		1,542
-	NSPE(	CTION AND OVERHEA	D (5%)					_	
TOTAL REQUEST	/ D/17	inen\			ł				1,619
TOTAL REQUEST	( KOUI	(משמא						] ]	1,600
				}			\ \	1	

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Masonry walls and roof structure including mechanical and electrical systems. Concrete pavements all utilities and support. Demolish building 6906 at 4,400 SF.

Air Conditioning: 8 Tons.

11. REQUIREMENT: 14,700 SF ADEQUATE: 0 SUBSTANDARD: 8,900 SF PROJECT: Fire Station and Aircraft Support Equipment Shop (New Mission). REQUIREMENT: This project supports the conversion of A-37 to A-10 aircraft. An adequately sized and properly configured facility to support crash/fire/rescue operations is required. Adequate space is also required for the aircraft ground equipment shop. Includes apparatus bays, storage space, extinguisher maintenance shop, kitchen and dining area, control room, classroom, administrative areas and bunkrooms for fire fighters. **CURRENT SITUATION:** The conversion of A-37 to A-10 increased the numbers of support equipment requiring the need for a larger facility. The ground support equipment shop is an old building that needs to be demolished. addition would not be the prudent thing to do. In accordance with the approved master development plan, a fire station is to be built and the existing fire station converted into the support equipment shop. existing fire station is too small to properly support the fire protection and crash/rescue operations. Only four of the seven fire vehicles fit into the undersized fire station bays. Vehicles are stored and maintained outside and are subject to extensive corrosion. The bunk rooms, locker rooms and kitchen are currently located next to the fire station in a rented trailer. The support equipment shop is short of space. There is not enough space to maintain and store the equipment. It remains exposed to the weather even during the extreme cold winter weather of northern

1				2. DATE
ANG		TARY CONSTRUCTION PROJ computer generated)	JECT DATA	
	N AND LOCATION			
V K KELLOGG AT	RPORT MICHIGAN			
PROJECT TIT			5. PF	OJECT NUMBER
A MOTTATO WITH	ND ATDCDAPT CIID	PORT EQUIPMENT SHOP	M	MV003123
TRE STATION A	ND AIRCRAFT SUF	FORT EGOTPMENT SHOP		MV003123
Michigan.	DDOUTDED: T	Amalalaa — Dauluu		
elements accel	<u>PKUVIDED: Impr</u> .erates deterior	oper training. Equipmation. Hardships on t	ment exposed the overall i	to tne ire
protection ope	ration which je	opardizes crash rescue		
capabilities.	Higher operati	ng costs.		
	•			

. COMPONE	INI	PU LOSE MILITARDE COMENDICATOR DESTRUCTOR	2. DATI	3
NG		FY 1995 MILITARY CONSTRUCTION PROJECT DATE (computer generated)	LA	
	LATIO	N AND LOCATION		
		RPORT MICHIGAN		
. PROJECT	r tit	LE	5. PROJECT N	UMBER
TRE STATE	TON A	ND AIRCRAFT SUPPORT EQUIPMENT SHOP	MBMV00312	3
	<u> </u>	ALL ALL STATE OF THE STATE OF T	1.00	<b></b>
2. SUPPI	LEMEN	TAL DATA:		
a. Est	imate	ed Design Data:		
(1)	Sta	itus:		
		Date Design Started	91 N	OV 26
		Percent Complete as of Jan 94		95%
		Date 35% Designed		PR 15
	( <b>a</b> )	Date Design Complete	94 A	PR 30
(2)	Bas	sis:		
<b>\-</b> /		Standard or Definitive Design -		
		Where Design Was Most Recently Used -		
(2)	Tot	cal Cost (c) = (a) + (b) or (d) + (e):		(\$000
(3)		Production of Plans and Specifications		83 83
		All Other Design Costs		52
		Total		135
		Contract		135
	(e)	In-house		
(4)	Con	astruction Start	9	5 JUN
. Equipm		associated with this project will be provide ations: N/A	ed from	

L. COMPONENT ANG	2. DATE				
. INSTALLATION	MILITARY CONSTRU NAND LOCATION CKS ANG STATION MISSOURI			4. AREA	CONSTR
FILEROON DAKKA	CCAS ANG STATION MISSOURI				1 NUEX
welve monthly	TO TYPE OF UTILIZATION  assemblies per year, 15 d  by technician/AGR force			ning per	
Air National	C/GUARD/RESERVE INSTALLATI Guard, 7 Army National Gu Central Personnel Center				Guard
. PROJECTS REC	QUESTED IN THIS PROGRAM:	FY 1995	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	
	CE FUEL TANKS AND UPGRADE	LS	500	SEP 93	AUG 94
	/E FORCES FACILITIES BOARI al Construction Approved	) RECOMMENDAT	TION	14 OCT	
Unilatera		) RECOMMENDAT		(Dat	e)
Unilatera  D. LAND ACQUIST  O. PROJECTS PI	al Construction Approved		(N		e)
Unilatera . LAND ACQUISI O. PROJECTS PI	Al Construction Approved			(Dat	e)
Unilaters . LAND ACQUISI O. PROJECTS PI ATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera . LAND ACQUISI O. PROJECTS PI ATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera . LAND ACQUISI O. PROJECTS PI ATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  . LAND ACQUISI  .0. PROJECTS PI  CATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  . LAND ACQUISI  .0. PROJECTS PI  CATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  D. LAND ACQUIST  O. PROJECTS PICATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  D. LAND ACQUIST  O. PROJECTS PICATEGORY	Al Construction Approved ITION REQUIRED LANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)

#### 2. DATE 1. COMPONENT FY 1995 GUARD AND RESERVE MILITARY CONSTRUCTION ANG

3. INSTALLATION AND LOCATION

JEFFERSON BARRACKS ANG STATION MISSOURI

## 11. PERSONNEL STRENGTH AS OF 7 JUL 93

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	<u>ENLISTED</u>
AUTHORIZED	74	11	49	14	530	70	460
ACTUAL	72	11	49	12	525	65	460

### 12. RESERVE UNIT DATA

				STREN	STRENGTH			
UNIT DESIGNATION				AUTHORIZED	ACTUAL			
157	ACG	GP		145	149			
121	ACG	GP		90	85			
218	EIS			195	195			
131	CES			100	96			
			TOTALS	530	525			

TYPE	AUTHORIZED	ASSIGNED
AN/TPS 43E	1	1
AN/TSQ 62	1	1
AN/TSC 53	1	1
S 530	2	2
MD-4 Generator	1	1
MD-2 Generator	1	1
Support Equipment	517	517
Vehicle Equivalents	342	342

1. COMPONENT										2.	DATE
	F	7 1995 MILITA					DJECT	DATA	1		
ANG			ompute	er gene						Щ.	
3. INSTALLAT	ION ANI	LOCATION			1		JECT '		-		
					1						JPGRADE
JEFFERSON BAI											BOOTH
5. PROGRAM EI	LEMENT	6. CATEGORY	CODE	7. PRO	JEC:	r Nui	MBER	8. E	KOJE	CT (	COST(\$000)
E5056P		104 105		7 777	WA 24	702					<b>\$</b> 500
55256F		124-135		ESTIN		9782 S	_				3500
<u> </u>		<u> </u>		ESTI	HIE.	<u>,                                     </u>	ı		UNI	r	COST
ļ		ITEM				II/M	QUAN	ידדע		_	(\$000)
REPLACE FUEL	TANKS		REFU	ELING					<u> </u>	*	
VEHICLE/PAIN						LS					405
REPLACE FUI	EL STO	RAGE TANKS				LS					( 180)
ALTER PAIN						LS					( 125)
UPGRADE REI	FUELING	G VEHICLE SHO	OP			LS					( 100)
SUPPORTING FA	ACILIT	IES					}				27
UTILITIES						LS	İ				( 5)
PAVEMENTS						LS	1				( 2)
SITE RESTOR	RATION					LS					(20)
SUBTOTAL											432
CONTINGENCY											<u>43</u>
TOTAL CONTRAC							İ				475
SUPERVISION,		CTION AND OV	ERHEA	D (5%)							24
TOTAL REQUEST											499
TOTAL REQUEST	r (ROUI	NDED)									500
							]				
1						l	ì				

10. Description of Proposed Construction: Replace 2 tanks. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites. Alter Building 52 to house a paint spray booth and the refueling vehicle shop. Site work and utilities as required.

11. REQUIREMENT: As required.

PROJECT: Replace Fuel Tanks (UST) and Upgrade Refueling Vehicle/Paint Booth (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. A facility is required to accomplish corrosion control for government vehicles and equipment in a safe, efficient, and environmentally acceptable manner. An environmentally safe facility is also needed to maintain the refueling vehicles.

CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring, and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notices of Violations by the Federal and State EPA. The existing paint spray booth has been condemned due to non-compliance with EPA and OSHA requirements. It is stored and cannot be used. The base has an existing building that is vacant and can be modified to fit the vehicle

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	'A 2. DATE
	ON AND LOCATION  RRACKS ANG STATION MISSOURI	•
4. PROJECT T		5. PROJECT NUMBER LTUY939782

paint booth at one end and the refueling vehicle maintenance bay at the other end. The building has no environmental controls to contain fuel spills and air emissions. It has no explosion proof fixtures, inadequate ventilation, no floor drain, and no fume extraction system. The refueling vehicles are being maintained in an outdoor parking lot in an unsafe manner with no environmental controls and in violation of technical orders.

IMPACT IF NOT PROVIDED: Non-compliance with statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage could have the potential to contaminate the soil and aquifer. Vehicle/equipm/~ corrosion control is not being accomplished efficiently. Refueling vehicles are being maintained in an unsafe and environmentally deficient manner. Continue to live with the risk. Training could be curtailed and the ANG could receive unfavorable publicity.

ADDITIONAL: All buildings at Jefferson Barracks are on the National Historic Register and must be upgraded to standards set by law.

NG .	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		
. INSTALI	ATION AND LOCATION	-	
EFFERSON	BARRACKS ANG STATION MISSOURI		
. PROJECT		. PROJECT NUM	IBER
	EL TANKS AND UPGRADE REFUELING VEHICLE/PAINT		
OOTH		LTUY939782	
2. SUPPI	EMENTAL DATA:		
a. Esti	mated Design Data:		
(1)	Status:		
	(a) Date Design Started	93 SE1	
	(b) Percent Complete as of Jan 94		35%
	(c) Date 35% Designed	94 JAI	
	(d) Date Design Complete	94 AUC	. 01
(2)	Basis:		
	(a) Standard or Definitive Design -		
	(b) Where Design Was Most Recently Used -		
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(5	000
	(a) Production of Plans and Specifications	•	21
	(b) All Other Design Costs		9
	(c) Total		30
	(d) Contract		30
	(e) In-house		
·(4)	Construction Start	95	JUL
		•	
	ent associated with this project will be provided	d from	
	opriations: N/A		

	95 GUARD AND RESERVE	3		2. DATE	
	ITARY CONSTRUCTION	<u> </u>		A ADDA	CONCT
3. INSTALLATION AND LOCATIO LAMBERT ST LOUIS IAP ANG, M				4. AREA	INDEX
AMBERI SI LOUIS IAP ANG, M	172200KI			1	00
FREQUENCY AND TYPE OF UT	TITZATION			<del></del>	00
Welve monthly assemblies prear, daily use by technici				ning per	•
5. OTHER ACTIVE/GUARD/RESER l Air National Guard, 1 Air l Navy Reserve, 1 Marine Co	Force, 9 Army Natio	onal Gu	ard, 5 A	rmy Rese	rve,
PROJECTS REQUESTED IN TH	IIS PROGRAM: FY 199	5			
CATEGORY  CODE PROJECT TI	TLE SCOI	?E	COST (\$000)	DESIGN START	
124-135 REPLACE UNDERGROUN FUEL STORAGE TANK	· <del>-</del>	LS	440	NOV 91	JUN 9
CTATE DECEDUE PODGES DAG	TITMIRE DAIDD DECOM	ALESTO VALLE	ON		
3. STATE RESERVE FORCES FAC Unilateral Constructi		MENDATI	ON	14_0CT	
Unilateral Constructi	on Approved	MENDAT 1	ON	14 OCT	
	on Approved	MENDAT 1		(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE	on Approved  None	MENDAT I			(e)
Unilateral Constructi  . LAND ACQUISITION REQUIRE  .O. PROJECTS PLANNED IN NEX	on Approved  None	MENDAT I		(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX	On Approved  None  T FOUR YEARS			(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX  ATEGORY  CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT		COST	(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX ATEGORY CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX ATEGORY CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX  ATEGORY  CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX  CATEGORY  CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)
Unilateral Constructi  D. LAND ACQUISITION REQUIRE  LO. PROJECTS PLANNED IN NEX CATEGORY  CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)
Unilateral Constructi  D. LAND ACQUISITION REQUIRE  LO. PROJECTS PLANNED IN NEX  CATEGORY	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)
Unilateral Constructi  LAND ACQUISITION REQUIRE  O. PROJECTS PLANNED IN NEX CATEGORY  CODE PROJECT TI	On Approved  None  T FOUR YEARS  TLE  SCOT	PE	COST (\$000)	(Dat	(e)

### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION

LAMBERT ST LOUIS IAP ANG, MISSOURI

## 11. PERSONNEL STRENGTH AS OF 31 AUG 93

		PER	MANENT			<b>GUARD/RES</b>	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	<u>OFFICER</u>	ENLISTED
AUTHORIZED	413	27	338	48	1,451	155	1,296
ACTUAL	408	26	336	46	1,371	153	1,218

## 12. RESERVE UNIT DATA

ONII DAI	•		STREN	GTH
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL
131	FW		63	61
131	FW/DET		10	12
110	FS		51	49
131	CAM		463	443
131	MSS		46	48
131	MSF		38	37
131	RMS		120	113
131	HOSP		74	72
131	CES		124	102
131	SPF		57	58
131	CF	•	21	8
131	SF		34	29
239	CCS		195	191
571	BAND		36	33
110	WEA FT		18	19
231	CEF		41	42
8131	ST FLT		60	54
		TOTALS	1,451	1,371

TYPE	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
F-15A/B	18	24
C-12	1	1
C-26A	1	0
Support Equipment	300	317
Vehicle Equivalents	366	518

1. COMPONENT							I	DATE
	F	7 1995 MILITARY C			OJECT	DATA	,	
ANG		(comput	er gene					
3. INSTALLATI	ON ANI	LOCATION		4. PRO				
				REPLAC				
		AP ANG MISSOURI	1= 220	FUEL S				
5. PROGRAM EL	EMENT	6. CATEGORY CODE	/. PRO.	DECT NO	IMBER	8. P	ROJECT	COST(\$000
55256F		124-135	MSO	B90954!	5	Ì		<b>\$</b> 440
			T ESTIM		<del></del>	•		
					1		UNIT	COST
		ITEM		ו/ע	1 QUAN	TITY	COST	(\$000)
REPLACE UNDER	GROUNI	FUEL STORAGE TA	NKS	LS				320
SUPPORTING FA	CILIT	IES			1			64
UTILITIES				LS				( 8
<b>PAVEMENTS</b>				LS	ł	- 1		( 8
SITE IMPROV	EMENTS	3		LS	ļ			(48
SUBTOTAL				- 1				384
CONTINGENCY (		_			1	l		38
TOTAL CONTRAC		_	D /EW\			1		422
SUPERVISION, TOTAL REQUEST		CTION AND OVERHEA	(אכ) ע		1	1		<u>21</u> 443
TOTAL REQUEST		WDED)				ļ		443
TOTAL REQUEST	. (kooi	MDED)		ŀ				440
						1		
						- 1		
				i	Ì	1		1

10. Description of Proposed Construction: Replace 8 tanks. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

NG	1	FY 1995 MILITARY CONSTRUCTION PROJECT I	DATA		
	LATION	(computer generated) AND LOCATION			
		IAP ANG MISSOURI	10 500		
. PROJECT	r Title	i	5. PRO	DJECT N	JMBER
EPLACE UI	NDERGRO	OUND FUEL STORAGE TANKS	MSC	DB90954	5
2. SUPPI	LEMENTA	L DATA:			
a. Est	imated	Design Data:			
(1)	Stati	ıs:			
		Date Design Started		91 N	
		Percent Complete as of Jan 94			65%
		Oate 35% Designed		93 N	
	(a) I	Date Design Complete		94 J1	אכ אנע
(2)	Basis	3:			
` ,		Standard or Definitive Design -			
		Where Design Was Most Recently Used -			
(3)	Tota	L Cost (c) = $(a) + (b)$ or $(d) + (e)$ :			(\$000
(0)		Production of Plans and Specifications			22
	(b) I	All Other Design Costs			10
	(c) ?				32
		Contract			32
	(e)	In-house			
				Q	5 MAY
(4)	Const	truction Start		7.	
(4)	Cons	truction Start		<b>,</b>	
(4)	Cons	truction Start		<b>,</b>	
. Equip	ment as	ssociated with this project will be prov	ided from		
. Equip	ment as	ssociated with this project will be prov	ided from		
. Equip	ment as	ssociated with this project will be prov	ided from		
. Equip	ment as	ssociated with this project will be prov	ided from		
. Equip	ment as	ssociated with this project will be prov	ided from		
. Equip	ment as	ssociated with this project will be prov	ided from		
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	ment as	ssociated with this project will be prov	ided from		
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. Equip	ment as	ssociated with this project will be prov	ided from		
. Equip	ment as	ssociated with this project will be prov	ided from		

1. COMPONENT	T FY 1995 GUARD AND MILITARY CONSTR			2. DATE	
	TION AND LOCATION	OCTION	<del>-</del>	4. AREA	CONSTR
	IAP ANG, MONTANA			L	INDEX
				1.	19
Iwelve mont	Y AND TYPE OF UTILIZATION hly assemblies per year, 15 use by technician/AGR force			ning per	
1 Air Force	TIVE/GUARD/RESERVE INSTALLAT Base, 1 Army Reserve Instal al Guard Facilities				ty, 2
7. PROJECTS	REQUESTED IN THIS PROGRAM:	FY 1995		<del></del>	
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
	D TO AND ALTER FUEL CELL ND CORROSION CONTROL HANGAR	18,500 SF	1,150	AUG 91	MAY 94
	SERVE FORCES FACILITIES BOAK teral Construction Approved	RD RECOMMENDATI	ON	10 MAR	
Unila		RD RECOMMENDATI		(Dat	e)
Unila 9. LAND ACQ	teral Construction Approved UISITION REQUIRED	None		_	e)
Unila 9. LAND ACQ	teral Construction Approved	None		(Dat	e)
Unila  9. LAND ACQ  10. PROJECT CATEGORY CODE  124-135 JE 216-642 MU	teral Construction Approved UISITION REQUIRED S PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unila  9. LAND ACQ  10. PROJECT CATEGORY CODE  124-135 JE 216-642 MU	teral Construction Approved UISITION REQUIRED S PLANNED IN NEXT FOUR YEARS PROJECT TITLE T FUEL STORAGE COMPLEX NITIONS MAINTENANCE AND	None SCOPE LS	COST (\$000) 4,150	(Dat	e)
Unila  9. LAND ACQ  10. PROJECT CATEGORY  CODE  124-135 JE 216-642 MU	teral Construction Approved UISITION REQUIRED S PLANNED IN NEXT FOUR YEARS PROJECT TITLE T FUEL STORAGE COMPLEX NITIONS MAINTENANCE AND	None SCOPE LS	COST (\$000) 4,150	(Dat	e)
Unila  9. LAND ACQ  10. PROJECT CATEGORY  CODE  124-135 JE 216-642 MU	teral Construction Approved UISITION REQUIRED S PLANNED IN NEXT FOUR YEARS PROJECT TITLE T FUEL STORAGE COMPLEX NITIONS MAINTENANCE AND	None SCOPE LS	COST (\$000) 4,150	(Dat	e)

1. COMPONENT ANG			GUARD AND			2. DA	TE
3. INSTALLATI		LOCATION	ART CONCIN	JOILON		<del></del>	
GREAT FALLS I	AP ANG,	MONTANA					
11. PERSONNEI	STRENG	TH AS OF	1 JUN 93			· · · · · · · · · · · · · · · · · · ·	
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	PER OFFICER	MANENT ENLISTED	CIVILIAN	TOTAL	GUARD/RES OFFICER	ERVE ENLISTE
AUTHORIZED	TOTAL 389			CIVILIAN 5			

. RESERVE UNIT DATA		CTDEN	Conti	
		STREN		
UNIT DESIGNATION		AUTHORIZED	ACTUAL	
120 FG HQ		52	53	
120 OPS		42	40	
186 FIS		22	21	
120 LOG GP		18	16	
120 AMS		379	386	
120 LOG SQ		108	106	
120 DET 1		18	17	
120 SGMSS		42	46	
120 COM SQ		42	37	
120 SP FLT		84	83	
120 CIV SQ		163	158	
120 MWRS		25	26	
120 CLINIC		55	48	
120 ST HQ		26	26	
·	TOTALS	1,076	1,063	

_		
AUTHORIZED	<u>ASSIGNED</u>	
18	20	
1	1	
118	113	
298	321	
	18 1 118	18 20 1 1 118 113

1. COMPONENT							2.	DAT	E
	TY 1995 MILITARY C	ONSTRUCT	CION P	ROJ	JECT D	ATA			
ANG	(comput	er gener							
3. INSTALLATION	ID LOCATION				ECT TI				
			ADD T	0 4	AND AL	TER	FUEL C	ELL	
GREAT FALLS IAP A							NTROL H		
5. PROGRAM ELEMEN	[6. CATEGORY CODE	7. PROJ	ECT N	UMI	BER 8	. P	ROJECT	COST	(\$000
					i				
55256F	211-179		391957	2			·	\$1.1	50
	9. COS	T ESTIMA	TES					1 6	0.00
	TMDM		,,		011 A <b>37</b> 0 T	T.	UNIT	1 -	OST
ADAL ETEL CELL/CO	ITEM RROSION CONTROL HA	WC A D	SF		OUANTI		COST	1 (2)	000) 898
ADD TO HANGAR	KKOSION CONIKOL HA	NGAK	SF		18,50 7,50		105		
ALTER HANGAR			SF		11,00		103	1 '	110
SUPPORTING FACILI	rtre		31		11,00	١	10	\	140
UTILITIES	LIBO		LS			İ		1	25
PAVEMENTS			LS					1 7	30
SITE IMPROVEMEN	rs		LS					1 6	10
FIRE SUPPRESSIO	N SYSTEM		LS					1	75
SUBTOTAL			1			- 1		`-	1,038
CONTINGENCY (5%)			1					1 _	52
TOTAL CONTRACT CO	ST		ļ	İ					1,090
	ECTION AND OVERHEA	D (5%)	-						55
TOTAL REQUEST			- 1						1,145
TOTAL REQUEST (RO	UNDED)					ļ			1,150
						- 1			
			1			- 1			
			}	}		- 1		1	

- 10. Description of Proposed Construction: Concrete slab floor, apron, foundations and footings, insulated pre-engineered metal building with masonry walls. Ventilation system, oil/water separator, fire suppression and personnel breathing apparatus. All necessary utilities and support.
- 11. REQUIREMENT: 17,000 SF ADEQUATE: 0 SUBSTANDARD: 11,000 SF PROJECT: Add to and Alter Fuel Cell and Corrosion Control Hangar (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. The base requires an adequate facility for performing both fuel cell maintenance and corrosion control with proper environmental controls. An environmentally safe facility is required to perform washing and solvent cleaning of the aircraft as well as painting of small aircraft parts. CURRENT SITUATION: The existing facility cannot accommodate the corrosion control function. This function is being performed outside, in violation of technical orders, safety and environmental compliance or inside where both functions must share the same hangar space. This results in unacceptable delays in both corrosion control and fuel systems maintenance. During the winter months the temperatures frequently drop to as low as -20 Degrees F making work on the ramp impossible. Inside only one of these functions can take place at a time. This project will expand the existing facility to allow for a second aircraft space and makes minor modifications to the existing bay to make both bays compatable. IMPACT IF NOT PROVIDED: Degraded training and maintenance delays due to

the dual use of the hangar. Violations of technical orders, compromising both health and safety requirements and environmental requirements. Possible Notice Of Violations from the State or Federal EPA. Loss of training opportunities. Unable to reach full operational capability.

7.0	ĺ	FY 1995 MILITARY CONSTRUCTION PROJECT DAT	A			
NG	ATTO	(computer generated) N AND LOCATION				
. INSTALL	LATIO	N AND LOCATION				
REAT FALI	LS IA	P ANG MONTANA				
. PROJECT	TIT T	LE	5. PROJ	ECT	NUME	BER
DD TO ANI	DALT	ER FUEL CELL AND CORROSION CONTROL HANGAR	JKSE	9195	72	
2. SUPPI	LEMEN	TAL DATA:				
a. Esti	imate	d Design Data:				
(1)	Sta					
		Date Design Started		91	AUG	
		Percent Complete as of Jan 94				10%
		Date 35% Designed			NOV MAY	
	(a)	Date Design Complete		94	MAI	13
(2)	Bas	is:				
		Standard or Definitive Design -				
	(b)	Where Design Was Most Recently Used -				
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):			(\$0	000
(0)		Production of Plans and Specifications			•	50
		All Other Design Costs				26
	(c)	Total				76
		Contract				76
		In-house				
(4)	(e)	In-house struction Start			95 3	JUL
(4)	(e)				95 J	JUL
(4)	(e)				95 S	JUL
	(e) Con		d from		95 S	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95 3	TUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95 .	ıuı
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95 .	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
	(e) Con	struction Start associated with this project will be provide	d from		95	TUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95 .	JUL
. Equip	(e) Con	struction Start associated with this project will be provide	d from		95	JUL

. COMPONENT ANG	FY 1995 GUARD AND MILITARY CONST				2. DATE	
. INSTALLATIO	N AND LOCATION PAL AIRPORT (ANG), NEBRA					INDEX
welve monthly	ND TYPE OF UTILIZATION assemblies per year, 15 e by technician/AGR force					03
	E/GUARD/RESERVE INSTALLA e Center, 1 Army Reserve es					al
7. PROJECTS RE	QUESTED IN THIS PROGRAM:	FY 1995				
CATEGORY CODE	PROJECT TITLE	SCOPE		COST (\$000)	DESIGN START	
	NG APRON AND HYDRANT ELING SYSTEM		LS	14,274	AUG 91	AUG 9
124-135 REPLA	CE UNDERGROUND STORAGE TANKS		LS	500	NOV 91	MAY 9
	VE FORCES FACILITIES BOA		DATI	ON		93
<del></del>					(Dat	
A LAND ACQUIS	ITION REQUIRED	None		(N	umber of	Acres
LO. PROJECTS P	LANNED IN NEXT FOUR YEAR			COST	•	
	PROJECT TITLE	SCOPE		<u>(\$000)</u>		
CODE			SF	1,325		
L71-450 MEDIC	AL TRAINING FACILITY /ARNG)	12,000				
L71-450 MEDIC (ANG		•		5,200		
L71-450 MEDIC (ANG	/ARNG)	•		5,200		

1.	COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
<u>L</u>	ANG	MILITARY CONSTRUCTION	<u> </u>
3.	INSTALLATIO	ON AND LOCATION	
T.T	NCOLN MINICI	IPAL AIRPORT (ANG). NEBRASKA	

11. PERSONNEL STRENGTH AS OF 31 JUL 93

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	358	28	290	40	1,137	143	994
ACTUAL	308	25	280	3	1,006	130	876

## 12. RESERVE UNIT DATA

, only par	•		STREM	IGTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
НQ	NE ANG		26	22
155	SVS FT		34	33
155	RG HQ		63	54
155	MSS SQ		44	49
155	CAM SQ		418	341
155	TC SQ		34	45
155	CES SQ		124	118
155	SPS FT		57	60
155	MS FT		40	41
155	RMS SQ		120	112
173	RS SQ	•	156	85
155	COMMFT		21	16
8155	STU FT		. 0	30
		TOTALS	1,137	1,006

TYPE	<u>AUTHORIZED</u>	ASSIGNED
RF-4C Aircraft	18	13
C-12 Aircraft	1	1
KC-135 Aircraft	10	0
Support Equipment	162	205
Vehicle Equivalents	356	368

1. COMPONENT						2.	DATE			
	F	Y 1995 MILITARY C	ONSTRUCT	rion pr	OJECT DATA	A.				
ANG		(comput	er gene	rated)			<del></del> -			
3. INSTALLATI	ON ANI	LOCATION		4. PRO	JECT TITLE	3				
				PARKING APRON AND HYDRANT						
		IRPORT (ANG) NEB			ING SYSTE					
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO.	JECT NU	MBER 8. 1	PROJECT	COST(\$000)			
					ì					
55296 <b>F</b>		113-321		<u> 3909793</u>		\$	14,274 _			
	<del></del>	9. COS	r estim	ATES	1	1	1 222			
		T T T T T T T T T T T T T T T T T T T			A	UNIT	COST			
DARWYWG ARROW	4 BYTD X	ITEM		<del></del>	QUANTITY	COST	(\$000)			
PARKING APRON		HYDRANT REFUELING		LS	54,000	0.6	10,812			
RELOCATE TA				SY	20,000		( 5,184)			
FOUR HYDRAN		FTS		LS	20,000	, ,	( 400			
JET FUEL LI		JL 13		LF	3,500	150	( 525			
JET FUEL ST				BL			( 1,950			
OPERATIONS		(TY		SF	1,650	135				
		STANDS/PUMPHOUS	ES	LS			830			
SUPPORTING FA				j.			1,500			
UTILITIES/S	ITE IN	PROVEMENTS/DEMOL	ITION	LS	1		(1,500)			
SUBTOTAL				ļ			12,312			
CONTINGENCY (	-						1,231			
TOTAL CONTRAC						ļ	13,543			
		CTION AND OVERHEA	D (5%)				677			
TOTAL REQUEST				-	1	{	14,220			
TOTAL REQUEST	(ROUI	NDED)			I		14,274			
					1	ļ	1			

- 10. Description of Proposed Construction: Concrete apron including ramp lights; relocate and upgrade taxiway with lights; install fuel lines/hydrants, fill stands and entry road. Two 7,500 barrel fuel storage tanks and operations facility. A wash rack with deice pad. All utilities and support including parking for refuelers and other vehicles. Demolish old facilities and fuel tanks. All utilities and support. Air Conditioning: 5 Tons.
- 11. REQUIREMENT: As required.

PROJECT: Parking Apron and Hydrant Refueling System (New Mission).

REOUIREMENT: The project supports the conversion from 18 RF-4 to 10 KC-135 aircraft in January 1994 and is also a level II environmental compliance project. Larger sized aircraft require additional parking ramp area, taxiway lanes and delivery of fuel through a hydrant system. Replacement of the jet fuel storage facility is required to support the new hydrant system. Exterior wash and deicing apron to clean aircraft in an environmentally safe manner.

CURRENT SITUATION: The aircraft parking ramp, sized for RF4-C's, is inadequate for KC-135's. No hydrant system exists. The underground fuel storage tanks are undersized and cannot be upgraded. They are inadequate to support the new hydrant system. The tanks will be in violation of Federal and State EPA statutes which requires these tanks to be replaced with above ground tanks by 1998. The jet fuel storage cannot be upgraded to meet the constant pressure requirement of an hydrant refueling system. There is no wash and deice area. The taxiway must be relocated to provide adequate clearance for aircraft movement. Until this project is completed the KC-135 aircraft will be parked, on a temporary basis, on the opposite side of the runway, on the commercial ramp. This is not an ideal

1. COMPONENT			2. DA	ATE
	FY 1995 MILITARY CONSTRUCTION PRO-	JECT DATA		
ANG	(computer generated)			
3. INSTALLATI	ON AND LOCATION		•	
LINCOLN MUNIC	IPAL AIRPORT (ANG) NEBRASKA			
4. PROJECT TI	TLE	5. I	ROJECT	NUMBER
PARKING APRON	AND HYDRANT REFUELING SYSTEM		IGCB9097	793

solution, but it is the only solution. The aircraft will be parked approximately 2 miles from the hangar/shops and the rest of the ANG area. The pavements on the commercial side have been temporarily upgraded to accommodate a short term use. The pavement will fail if the use is extended. In addition, the pavement will be needed by the expanding commercial operation. Refueling will have to be done by trucks. Temporary buildings have been leased from the commercial airport authority.

IMPACT IF NOT PROVIDED: Unable to permanently beddown the KC-135 aircraft at this location. Loss of training opportunities. If the pavement fails, the aircraft will have to be relocated to another location within the state. Unable to reach full operational capabilities.

ADDITIONAL: An exception to the economic analysis has been prepared. The paper presents the rationale that due to operational reasons there is only one alternative which is to construct the required facilties. A full economic analysis was not accomplished.

	LN MUNIC	IPAL AIRPORT (ANG) NEBRASKA	. PROJECT	NIMREP
		AND HYDRANT REFUELING SYSTEM	NGCB909	/93
2.	SUPPLEME:	WTAL DATA:		
a.	Estimat	ed Design Data:		
	(1) St			
		Date Design Started	91	AUG 13
-		Percent Complete as of Jan 94 Date 35% Designed	0.2	35% DEC 30
		Date Design Complete		AUG 15
	(2) Ba	sis:		
		Standard or Definitive Design -		
		Where Design Was Most Recently Used -		
		tal Cost (c) = (a) + (b) or (d) + (e):		(\$000
		Production of Plans and Specifications		740
		All Other Design Costs		250
		Total		990
		Contract In-house		990
	(4) Co	nstruction Start		95 AUG
		associated with this project will be provided iations: N/A	l from	
			l from	
			l from	
			l from	
			l from	
			l from	
			l from	
			l from	
			l from	

1. COMPONENT									2	. DATE
	FY	1995 MILITA	RY CON	STRUC	TION	PRO	DJECT	DATA	١ .	
ANG		(cc	omputer	gene	rate	1)_				
3. INSTALLAT										
	REPLACE UNDERGROUND LINCOLN MUNICIPAL AIRPORT (ANG) NEBRASKA FUEL STORAGE TANKS									
5. PROGRAM EI	LEMENT 6	. CATEGORY	CODE 7	. PRO	JECT	NUI	MBER	8. F	ROJECT	COST(\$000)
55256F		124-135		NGC	B909	559				\$500
		9	COST	ESTIM	ATES		•			
		ITEM				U/M	OUANT	ITY	UNIT COST	COST (\$000)

y, GOST ESTIMATE	<u> </u>			
	1		UNIT	COST
ITEM	U/M	OUANTITY	COST	(\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	[		360
SUPPORTING FACILITIES	ł			72
UTILITIES	LS			( 9)
PAVEMENTS	LS			( 9)
SITE RESTORATION	LS			(_54)
SUBTOTAL				432
CONTINGENCY (10%)				43
TOTAL CONTRACT COST		ľ		475
SUPERVISION, INSPECTION AND OVERHEAD (5%)	1		:	24
TOTAL REQUEST	1	1	-	499
TOTAL REQUEST (ROUNDED)		<u> </u>		500
	1	}		

10. Description of Proposed Construction: Replace 9 tanks. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites.

REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. **CURRENT SITUATION:** The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. In addition, the State of Nebraska regulates also heating oil tanks. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

. PROJEC		AL AIRPORT (ANG) NEBRASKA	. PROJ	JECT	NUMBE
		OUND FUEL STORAGE TANKS		39095	
		AL DATA:	NOOL	22977	<del>J 7</del>
		Design Data:			
		_			
(1)	) Stat	us: Date Design Started		91	NOV 0
		Percent Complete as of Jan 94		,	65
		Date 35% Designed		-	MAY 1
	(d)	Date Design Complete		94	MAY 0
(2)	) Basi	s:			
		Standard or Definitive Design - Where Design Was Most Recently Used -			
(3)	) Tota	11 Cost (c) = (a) + (b) or (d) + (e):			(\$00
		Production of Plans and Specifications			2
		All Other Design Costs			1
		Total Contract			3
		In-house			
(4)	) Cons	truction Start			95 JU
		associated with this project will be provided ations: N/A	i from		
			i from		
			i from		
			i from		
			i from		
			i from		
			i from		
			i from		
			i from		

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATI	ON AND LOCATION	4. AREA CONSTR
MCGUIRE AIR F	ORCE BASE, NEW JERSEY	COST INDEX
<u>L</u>		1.10
5. FREQUENCY	AND TYPE OF UTILIZATION	

Twelve monthly assemblies per year, 15 days annual field training per year, daily training by technician/AGR force and for training.

- 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS
- 2 Army National Guard Armories, 1 Naval Facility and 1 Active Army Fort.

7. PROJECT	S REQUESTED IN THIS PROGRAM:	FY 1995				
CATEGORY				COST	DESIGN	<b>STATUS</b>
CODE	PROJECT TITLE	SCOPE		<u>(\$000)</u>	START	CMPL
124-135 R	EPLACE UNDERGROUND		LS	1,000	NOV 91	JUN
1	FUEL STORAGE TANKS					

8. STATE RESERVE FORCES FACILITIES BOAR Unilateral Construction Approved	RD RECOMMENDATI	<u>15</u>	<u>NOV 93</u> (Date)
9. LAND ACQUISITION REQUIRED	None		
		(Numbe	r of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS	5		
CATEGORY		COST	
CODE PROJECT TITLE	SCOPE	<u>(\$000)</u>	
141-753 ALTER SQUADRON OPERATIONS FACILITY	26,400 SF	750	
171-445 ALTER OPERATIONS AND TRAINING FACILITY	22,300 SF	1,450	
211-179 FUEL SYSTEMS MAINTENANCE HANGAR	26,000 SF	5,000	
219-944 COMPOSITE BASE CIVIL ENGINEER MAINTENANCE FACILITY	24,000 SF	3,800	

#### 1. COMPONENT 2. DATE FY 1995 GUARD AND RESERVE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION MCGUIRE AIR FORCE BASE, NEW JERSEY 11. PERSONNEL STRENGTH AS OF 21 OCT 93 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED **AUTHORIZED** 659 75 542 42 1,989 278 1,711 ACTUAL 560 70 448 42 1,889 272 1,617 12. RESERVE UNIT DATA STRENGTH UNIT DESIGNATION <u>AUTHORIZED</u> ACTUAL HQ NJ ANG 31 32 HQ 108ARW 69 71 141 ARS 97 74 108 CAM 359 341 108 MSS 46 48 108 CLINIC 57 57 108 CES 100 101 108 SPF 62 63 108 RMS 120 110 GR 108ARW 11 11 108 COMM 21 16 1088 MS FT 31 32 204 WEA FT 17 26 108 SVS FL 25 26 **170ARG** 71 HQ 68 150 AREFS 74 75 170 CAM 359 295 170 MSS 46 43 170 CLINIC 55 53 170 CES 98 119 170 SPF 61 62 170 ORMS 109 120 170M S FLT 33 32 170 SVCFLT 27 24 TOTALS 1,989 1,889 13. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED **ASSIGNED** KC-135 Aircraft 20 20 C-135B 1 1 C-26A 1 1 Support Equipment 300 300 Vehicle Equivalents 372 372

1. COMPONENT			2. DATE
F	Y 1995 MILITARY C	ONSTRUCTION PROJECT	DATA
ANG	(comput	er generated)	
3. INSTALLATION AND	D LOCATION	4. PROJECT	TITLE
		REPLACE UND	ERGROUND
MCGUIRE AIR FORCE	BASE NEW JERSEY	FUEL STORAGE	E TANKS
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
55256F	124–135	PTFL909643	\$1,000
332301	· · · · · · · · · · · · · · · · · · ·	ESTIMATES	31,000

7. COST ESTIMATE	<u>.                                    </u>			
TODA	/>	011 A 2000 Y 0031	UNIT	COST
ITEM	U/M	OUANTITY	COST	(\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS	LS			770
SUPPORTING FACILITIES				100
UTILITIES	LS			( 20)
PAVEMENTS	LS			( 10)
SITE RESTORATION	LS	i i		( <u>70</u> )
SUBTOTAL	1			870
CONTINGENCY (10%)		ľ		87
TOTAL CONTRACT COST				957
SUPERVISION, INSPECTION AND OVERHEAD (5%)				<u>48</u>
TOTAL REQUEST	l			1,005
TOTAL REQUEST (ROUNDED)	1	ŀ		1,000
	1			
	1	ļ. :		
	ł			
	]			1

- 10. Description of Proposed Construction: Replace 17 tanks, remove only 13 other tanks and upgrade with monitoring control 4 additional tanks. Remove tanks. Dispose of tanks and tank residue. Remove contaminated soil and restore the sites.
- 11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT	DATA 2. DATE
ANG	(computer generated)	
3. INSTALLATI	ON AND LOCATION	·
CGUIRE AIR F	ORCE BASE NEW JERSEY	
4. PROJECT TI		5. PROJECT NUMBER
		7777 000 (10
REPLACE UNDER	GROUND FUEL STORAGE TANKS	PTFL909643
l2. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
(1) St		
	Date Design Started	91 NOV 08
	Percent Complete as of Jan 94	65% 93 JUL 30
	Date 35% Designed Date Design Complete	93 JUL 30 94 JUN 15
(4)	Buaron company	,, con 23
(2) Ba		
	Standard or Definitive Design -	
(0)	Where Design Was Most Recently Used -	
(3) To	tal Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000)
	Production of Plans and Specifications	73
	All Other Design Costs	40
	Total	113
• •	Contract In-house	113
	111-110 450	
(4) Co	nstruction Start	95 MAY
b. Equipment	associated with this project will be prov	ided from
	iations: N/A	
	•	

1. COMPON				2. DATE	
	LATION AND LOCATION	INVOITOR	<del></del>	4. AREA	CONST
	AIR FORCE BASE, NEW MEXICO			1	INDEX
	•			1.	00
Twelve mo	ENCY AND TYPE OF UTILIZATION onthly assemblies per year, 1 lly use by technician/AGR for			ning per	
	ACTIVE/GUARD/RESERVE INSTALL ational Guard Armories, 2 Arm Facility				rine
7. PROJEC	CTS REQUESTED IN THIS PROGRAM	: FY 1995	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START	
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	I	.S 900	NOV 91	AUG 94
•	RESERVE FORCES FACILITIES BO		TION		
Uni	lateral Construction Approve	d		28 JAN	
O TAND A	COULCEMAN DECOULDED	None	-	(Dat	e)
9. LAND A	ACQUISITION REQUIRED	none	(N	umber of	Acres
10. PROJE	CTS PLANNED IN NEXT FOUR YEA	RS	X	CHIDEL OF	ACTES
CATEGORY			COST		
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>		
	ALTER AIRCRAFT MAINTENANCE HANGAR AND SHOPS	ŕ	F 1,000		
	AIRCRAFT ENGINE AND NON DESTRUCTIVE INSPECTION SHOP		·		
211-159	AIRCRAFT CORROSION CONTROL FACILITY	11,300 S	•		
	MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 S	•		
216-642		5,300 S	F 620		
217-713	LANTIRN MAINTENANCE FACILITY		_		
216-642 217-713 442-758		41,000 S	SF 1,850		
217-713	LANTIRN MAINTENANCE FACILITY ADD TO AND ALTER BASE		SF 1,850		

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION	ON AND LOCATION	
KIRTLAND AIR	FORCE BASE, NEW MEXICO	
	,	
11. PERSONNEL	STRENGTH AS OF 24 AUG 93	
	PERMANENT	GUARD/RESERVE
	TOTAL OFFICER ENLISTED CIVILIAN	TOTAL OFFICER ENLISTED

AUTHORIZED ACTUAL	365 360	37 37	304 299	<u>CIVILIAN</u> 24 24	1,184 1,071	124 125	1,060 946
12. RESERVE I	UNIT DAT	A			CADENCAN		
	UNIT DE	SIGNATION	Į.	AUTHORIZ	STRENGTH CED	ACTUAL	:

			STRENGTH		
UNIT DESIGNATION			AUTHORIZED	ACTUAL	
HQ	NM ANG		30	28	
150	FG HQ		59	59	
150	TCI CI		33	40	
150	MSS SQ		45	43	
150	CLM SQ		561	473	
150	CES SQ		100	92	
150	SVS FT		34	32	
150	SEP FL		57	61	
150	RMS SQ		120	108	
150	CMN FT		21	24	
150	MSS FT		33	29	
188	TFS SQ		56	55	
8150	STU FT		35	27	
	-	TOTALS	1,184	1,071	

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-16 Aircraft	24	32
C-26 Aircraft	1	1
Support Equipment	85	80
Vehicle Equivalents	171	82

1. COMPONENT			2. DATE
	FY 1995 MILITARY CONSTRU	CTION PROJECT DATA	
ANG	<u>(computer gen</u>	erated)	
3. INSTALLATION	AND LOCATION	4. PROJECT TITLE REPLACE UNDERGROUND	
KIRTLAND AIR FO	RCE BASE NEW MEXICO	FUEL STORAGE TANKS	
5. PROGRAM ELEM	ENT 6. CATEGORY CODE 7. PR	OJECT NUMBER 8. PROJE	ECT COST(\$000)

56256F 124-135 MHMV929687 \$900

9. COST ESTIMATE	ES			
ITEM	U/M	OUANTITY	UNIT	COST (\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS SUPPORTING FACILITIES PAVEMENTS UTILITIES SITE RESTORATION SERVICE ISLAND SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)	LS LS LS LS			520 258 ( 13) ( 10) ( 75) ( 160) 778 78 856 43 899 900

- 10. Description of Proposed Construction: Replace 13 tanks. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil and restore the sites. Provide service island with fuel pumps/dispensers, air and water. Asphalt paving in parking area around service area. Site improvement and utilities.
- 11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible.

CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA.

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

PROJEC		FORCE BASE NEW MEXICO	5. PROJECT	NIMBE
<u></u>		GROUND FUEL STORAGE TANKS	MHMV929	1087
2. SUPP	Lemen	TAL DATA:		
a. Est	imate	ed Design Data:		
(1)	Sta		0.1	NOV O
		Date Design Started Percent Complete as of Jan 94	91	NOV 08
		Date 35% Designed	93	AUG 15
	(d)	Date Design Complete	94	AUG 15
(2)	Bas			
		Standard or Definitive Design - Where Design Was Most Recently Used -		
(3)		tal Cost (c) = (a) + (b) or (d) + (e):		(\$000
		Production of Plans and Specifications All Other Design Costs		36 15
		Total		51
		Contract		. 51
	(e)	In-house		
(4)	Con	nstruction Start		95 MA
. Equip	mant	aggeriated with this project will be provide	nd from	
		associated with this project will be provide iations: $N/A$	a from	

1. COMPON		FY 1995 GUARD AN			2.	DATE	;
ANG	<del></del>	MILITARY CONST	TRUCTION		+.	155	001125
		AND LOCATION			4.		CONST
HANCOCK F	FIELD ANG	G, NEW YORK					INDEX
r PDPAIIE	MCV AND	TYPE OF UTILIZATION			1		14
Iwelve mo	onthly as	ssemblies per year, 15 by technician/AGR for			nin	g per	•
l Army Te	elecommu	GUARD/RESERVE INSTALLA nications Center, 4 And Marine Reserve Cente	rmy National G	Guard Armor	ies		iaval
	TS REQUI	ESTED IN THIS PROGRAM	: FY 1995	COCM	DE	CTON	C TA TITLE
CATEGORY CODE		PROJECT TITLE	SCOPE	COST (\$000)			STATUS CMPL
124-135		UNDERGROUND FORAGE TANKS	I	LS 580	MAI	R 90	JUL 9
	**************************************						
		FORCES FACILITIES BOA		ATION	18	s nov	
Uni	llateral					(Dat	e)
Uni 9. LAND A 10. PROJE	llateral	Construction Approved	None	(N		(Dat	
Uni 9. LAND A 10. PROJE	llateral	Construction Approved	None			(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE	ACQUISIT	Construction Approved ON REQUIRED WHED IN NEXT FOUR YEAR	None	COST (\$000)		(Dat	e)
Uni D. LAND A LO. PROJECATEGORY CODE	ACQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEAR PROJECT TITLE	None RS SCOPE	COST (\$000)		(Dat	e)
Uni D. LAND A LO. PROJECATEGORY CODE	ACQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEAR PROJECT TITLE	None RS SCOPE	COST (\$000)		(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE	ACQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEAR PROJECT TITLE	None RS SCOPE	COST (\$000)		(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE	ACQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEAR PROJECT TITLE	None RS SCOPE	COST (\$000)		(Dat	e)
Uni 9. LAND A 10. PROJE CATEGORY CODE	ACQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEAR PROJECT TITLE	None RS SCOPE	COST (\$000)		(Dat	e)

					2. DA	TE
	LOCATION	AKI CUNSIK	OCITON		<b>-</b>	
STRENG	TH AS OF	1 JUL 92				
	PER	MANENT			<u>GUARD/RES</u>	ERVE
TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
394	12	77	305	1,405	176	1,229
262	11	76	175	1,370	158	1,212
	STRENG  TOTAL 394	MILITON AND LOCATION ANG, NEW YORK  STRENGTH AS OF  PER TOTAL OFFICER 394 12	MILITARY CONSTRON AND LOCATION ANG, NEW YORK  STRENGTH AS OF 1 JUL 92  PERMANENT TOTAL OFFICER ENLISTED 394 12 77	ANG, NEW YORK  STRENGTH AS OF 1 JUL 92  PERMANENT TOTAL OFFICER ENLISTED CIVILIAN 394 12 77 305	MILITARY CONSTRUCTION ON AND LOCATION ANG, NEW YORK  STRENGTH AS OF 1 JUL 92  PERMANENT TOTAL OFFICER ENLISTED CIVILIAN TOTAL 394 12 77 305 1,405	MILITARY CONSTRUCTION ON AND LOCATION ANG, NEW YORK  STRENGTH AS OF 1 JUL 92  PERMANENT GUARD/RES TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER 394 12 77 305 1,405 176

1	2	DE	SER	VE	IINIT	DATA

onii biiin			STREN	GTH
UNIT DES	IGNATION		AUTHORIZED	ACTUAL
108	ACS SQ		90	87
113	ACS SQ		91	92
138	FS SQ		51	45
152	AGC GP		145	116
174	rw hq		55	53
174	ALO		3	3
174	CAMCSQ		461	441
174	CES SQ		124	124
174	CF FT		21	19
174	CLN		70	62
174	DET1		11	8
174	MSF		34	32
174	SPS FT		45	46
8174	STU FT		120	131
174	SPS FT		57	66
174	ALO		27	26
8174	STU FT		0	19
		TOTALS	1,405	1,370

TYPE	AUTHORIZED	ASSIGNED
F-16 A/B Aircraft	18	18
TPS 43E Radar	2	2
Support Equipment	200	198
Vehicle Equivalents	660	847

						_					
1. COMPONENT		7 100F MTT TT		Nampuss				D.4.5		2.	DATE
ANG	F'S	1995 MILITAR					JECT	DATA			
ANG 3. INSTALLATI	ON ANI		pute	r gener			JECT :	ב זידי ב	,	<b></b>	
3. INSTALLATI	ON ANI	LOCATION					E UNDI				
HANCOCK FIELI	ANG I	NEW YORK			l		CORAGI				
		6. CATEGORY C	ODE	7. PRO					7.7.	CT (	OST(\$000)
										•	
55256F		124-135		HAAV	1909	555					\$580
		9.	COST	ESTIM	ATES	<u> </u>					
									UNI	r	COST
		ITEM					QUAN	CITY	COS	Γ	(\$000)
1		D FUEL STORAGE	TAN	KS		LS					400
SUPPORTING FA		IES									100
SITE RESTOR	RATION					LS					( <u>100</u> )
SUBTOTAL CONTINGENCY	(10%)										500
TOTAL CONTRAC	•	r					l				<u>50</u> 550
		CTION AND OVER	HEAD	(5%)							
TOTAL REQUEST		orran and over		(3,0)							<u> </u>
TOTAL REQUEST		NDED)					ļ				580
		•									
ŀ											
							İ				
1							]	Į.			ļ

10. Description of Proposed Construction: Remove 22 underground and 5 above ground tanks. Excavate and remove the tanks. Dispose of the tanks, tank residue and contaminated soil. Restore the sites. Convert system to natural gas.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable

publicity.

. COM	PONE	NI	FY 1995 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
NG			(computer generated)		
. INST	CALL	OITA	N AND LOCATION		
ANCOCI	K FI	ELD	ANG NEW YORK		
. PRO				. PR	OJECT NUMBER
				77.4	****
EPLACI	SUN	DERG	ROUND FUEL STORAGE TANKS	HA	AW909555
2. St	JPPL	EMEN	TAL DATA:		
a. 1	Esti	mate	d Design Data:		
(	(1)	Sta	tus:		
			Date Design Started		90 MAR 05
			Percent Complete as of Jan 94		65%
			Date 35% Designed Date Design Complete		93 JUN 15 94 JUL 15
		(4)	nade negram combrece		) <del>-</del> 000 1.
(		Bas			
•			Standard or Definitive Design -		
		(D)	Where Design Was Most Recently Used -		
	(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
			Production of Plans and Specifications		30
			All Other Design Costs		15
			Total Contract		4 <u>5</u>
			In-house		<del>4</del> ;
	(4)	Con	astruction Start		95 AUG
			associated with this project will be provided ations: N/A	lfro	m
tner	appi	oprı	ations: N/A		

	1005 071100 13	D DEADIN		1 2 2 2 2	
1. COMPONENT ANG	FY 1995 GUARD AN MILITARY CONST			2. DATE	
3. INSTALLATION NIAGARA FALLS I	AND LOCATION NTERNATIONAL AIRPORT, N	EW YORK			INDEX
S EDECITENCY AN	D TYPE OF UTILIZATION	· · · · · · · · · · · · · · · · · · ·	<del> </del>	1,	14
Twelve monthly	assemblies per year, 15 use by technician/AGR				
	/GUARD/RESERVE INSTALLA erve - On Base 1 Army N				4
7. PROJECTS REQ	UESTED IN THIS PROGRAM:	FY 1995	COST	DESIGN	STATUS
CCDE	PROJECT TITLE	SCOPE	(\$000)	START	CMPL
124-135 REPLAC FUEL	E UNDERGROUND STORAGE TANKS	LS	640	NOV 91	AUG 94
	E FORCES FACILITIES BOA 1 Construction Approved		ION	18 NOV	
Unilatera	1 Construction Approved			(Dat	e)
Unilatera  9. LAND ACQUISI  10. PROJECTS PL	1 Construction Approved	None	(N		e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL	1 Construction Approved	None		(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL  CATEGORY  CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR	None	COST (\$000)	(Dat	e)
Unilatera  D. LAND ACQUIST  O. PROJECTS PLEATEGORY  CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL  CATEGORY  CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL  CATEGORY  CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL  CATEGORY  CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUISI  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL  CATEGORY  CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION NIAGARA FALLS INTERNATIONAL AIRPORT, NEW YORK

## 11. PERSONNEL STRENGTH AS OF 31 JUL 93

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	365	25	335	5	1,038	103	935
ACTUAL	344	21	319	4	992	98	894

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
107	GROUP		63	58
136	FT SQ		39	40
107	CAM		408	375
107	CES		136	120
107	MIS SP		45	41
107	MIS FT		41	37
107	CLINIC		55	49
107	RMS		119	121
107	SEC FT		86	82
107	SEV FT		25	24
107	FG/DET		. 21	21
8107	ST FL		0	24
		TOTALS	1,038	992

TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-16 Aircraft	18	20
KC-135 Aircraft	10	0
Support Equipment	106	103
Vehicle Equivalents	208	208

L. COMPONENT								2.	DATE
F	Y 1995 MILITARY CO				JECT	DATA			
ANG	(compute	er gener			_			<u> </u>	
3. INSTALLATION AN					JECT 1		-		
NIAGARA FALLS INTE	RNATIONAL AIRPORT				E UND				
YEW YORK	L CAMPGODY CODE	7 770			CORAGI				COCT/ \$000
5. PROGRAM ELEMENT	6. CATEGORY CODE	/. PRO	ECT	NUI	JREK	8. F	KOJE	ï	COST(\$000
55256F	124-135	RVK	9096	48					\$640
		ESTIM							
							UNI	r	COST
	ITEM				QUAN	TITY	COS	<u> </u>	(\$000)
REPLACE UNDERGROUN	D FUEL STORAGE TAI	NKS	L	S۔	ŀ	ĺ			460
SUPPORTING FACILIT	TIES				İ	ĺ			94
PAVEMENTS				ıS					( 11
UTILITIES				S۔	ļ				( 11
SITE RESTORATION			ĮI.	ıS					<u> </u>
SUBTOTAL									554
CONTINGENCY (10%)	_		- 1						55
TOTAL CONTRACT COS	· <del>-</del>						•		. 609
SUPERVISION, INSPE	CTION AND OVERHEA	D (5%)							30
TOTAL REQUEST									639
IOTAL REQUEST (ROU	(NDED)		- 1						640
							•		
						ļ			Į.
			- 1						
			1		ı				

10. Description of Proposed Construction: Replace 11 tanks and remove only 1 other. Excavate and remove the tanks. Dispose of tanks, tank residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA.

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

TINDIAL	(computer generated) ATION AND LOCATION	
	TIA THEODERAM AND AND AND WITH VARY	
PROJEC	LLS INTERNATIONAL AIRPORT NEW YORK	PROJECT NUMBE
PLACE U	IDERGROUND FUEL STORAGE TANKS	RVK0909648
. SUPP	EMENTAL DATA:	
a. Est	mated Design Data:	
(1)	Status:	
	(a) Date Design Started	91 NOV (
	<ul><li>(b) Percent Complete as of Jan 94</li><li>(c) Date 35% Designed</li></ul>	65 93 JUL 1
	(d) Date Design Complete	94 AUG (
(2)	Basis:	
	<ul><li>(a) Standard or Definitive Design –</li><li>(b) Where Design Was Most Recently Used –</li></ul>	
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$00
	(a) Production of Plans and Specifications	3
	(b) All Other Design Costs (c) Total	]
	(d) Contract	•
	(e) In-house	4
(4)	Construction Start	95 AU
		_
Paula		rrom
	ment associated with this project will be provided ropriations: N/A	110
	ment associated with this project will be provided ropriations: N/A	11011
		110
		110
		220
		220
		220
		220
		220
		220

1. COMPON		FY 1995 GUARD AL				2.	DATE	-
	LLATION	MILITARY CONST AND LOCATION S INTERNAT'L APT, NOR	•					CONSTI
								79
[welve mo	onthly a	TYPE OF UTILIZATION ssemblies per year, 1:by technician/AGR for				ning	per	
		GUARD/RESERVE INSTALL Guard, 8 Army Reserve						serve
7. PROJEC		ESTED IN THIS PROGRAM	: FY 1995		COST	DES	IGN	STATUS
CODE		PROJECT TITLE	SCOPE		<u>(\$000)</u>	ST	ART	CMPL
124–135		UNDERGROUND TORAGE TANKS		LS	690	NOV	91	MAY 9
		FORCES FACILITIES BO		DATI(	ON			
Un	ilateral			DATI(			(Dat	e)
Un: 9. LAND A	ilateral ACQUISIT ECTS PLA	Construction Approve	None	DATI	(N		(Dat	
Un: 9. LAND A	ilateral ACQUISIT ECTS PLA	Construction Approve	None	DATI(			(Dat	e)
9. LAND A 10. PROJICATEGORY CODE	ilateral ACQUISIT ECTS PLA AEROMED	Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE EVACUATION TRAINING	None RS		COST		(Dat	e)
Un: 9. LAND A 10. PROJUCATEGORY CODE 171-449	ACQUISIT  ECTS PLA  AEROMED  FACILI  ADD TO	Construction Approve ION REQUIRED NNED IN NEXT FOUR YEA PROJECT TITLE EVACUATION TRAINING	None RS SCOPE	SF	COST (\$000)		(Dat	e)
Un: 9. LAND A 10. PROJUCATEGORY CODE 171-449	ACQUISIT  ECTS PLA  AEROMED  FACILI  ADD TO	Construction Approve  ION REQUIRED  NNED IN NEXT FOUR YEA  PROJECT TITLE  EVACUATION TRAINING IY AND ALTER FUEL CELL	None  RS <u>SCOPE</u> 13,100	SF	COST (\$000) 1,950		(Dat	e)
Un: 9. LAND A 10. PROJUCATEGORY CODE 171-449	ACQUISIT  ECTS PLA  AEROMED  FACILI  ADD TO	Construction Approve  ION REQUIRED  NNED IN NEXT FOUR YEA  PROJECT TITLE  EVACUATION TRAINING IY AND ALTER FUEL CELL	None  RS <u>SCOPE</u> 13,100	SF	COST (\$000) 1,950		(Dat	e)
Un: 9. LAND A 10. PROJUCATEGORY CODE 171-449	ACQUISIT  ECTS PLA  AEROMED  FACILI  ADD TO	Construction Approve  ION REQUIRED  NNED IN NEXT FOUR YEA  PROJECT TITLE  EVACUATION TRAINING IY AND ALTER FUEL CELL	None  RS <u>SCOPE</u> 13,100	SF	COST (\$000) 1,950		(Dat	e)
Un: 9. LAND A 10. PROJI CATEGORY	ACQUISIT  ECTS PLA  AEROMED  FACILI  ADD TO	Construction Approve  ION REQUIRED  NNED IN NEXT FOUR YEA  PROJECT TITLE  EVACUATION TRAINING IY AND ALTER FUEL CELL	None  RS <u>SCOPE</u> 13,100	SF	COST (\$000) 1,950		(Dat	e)
Un: 9. LAND A 10. PROJUCATEGORY CODE 171-449	ACQUISIT  ECTS PLA  AEROMED  FACILI  ADD TO	Construction Approve  ION REQUIRED  NNED IN NEXT FOUR YEA  PROJECT TITLE  EVACUATION TRAINING IY AND ALTER FUEL CELL	None  RS <u>SCOPE</u> 13,100	SF	COST (\$000) 1,950		(Dat	e)

# 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION

CHARLOTTE/DOUGLAS INTERNAT'L APT, NORTH CAROLINA

## 11. PERSONNEL STRENGTH AS OF 15 JUL 93

	PERMANENT					ERVE	
	TOTAL	<b>OFFICER</b>	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	309	30	259	20	1,303	208	1,095
ACTUAL	304	29	255	20	1,332	216	1,116

## 12. RESERVE UNIT DATA

			STRENGTH			
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL		
НQ	NC ANG		32	32		
145	AG HQ		58	60		
145	CAM SQ		266	273		
145	CE SQ		124	118		
145	MAP SQ		172	162		
145	MS FT		41	39		
145	MS SQ		45	45		
145	RM SQ		121	123		
145	SP FT		57	62		
145	SV FT		36	34		
145	TAC CL		73	69		
145	TCI CI		6	7		
156	AME SQ		124	127		
156	TAL SQ		128	136		
156	WEA FT		20	19		
8145	STU FT		0	26		
	,	TOTALS	1,303	1,332		

TYPE	AUTHORIZED	ASSIGNED
C-130 Aircraft	12	12
Support Equipment	180	180
Vehicle Equivalents	265	265

1. COMPONENT			2. DATE
	FY 1995 MILITARY C	ONSTRUCTION PROJECT	DATA
ANG	(comput	er generated)	
3. INSTALLATION A	ND LOCATION	4. PROJECT	TITLE
CHARLOTTE/DOUGLAS	INTERNAT'L APT	REPLACE UND	ERGROUND
NORTH CAROLINA		FUEL STORAG	E TANKS
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
55256F	124-135	FJRP909596	\$690
		<u> </u>	•

9. COST ESTIMATE	S			
ITEM	U/M	OUANTITY	UNIT	COST (\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS SUPPORTING FACILITIES UTILITIES PAVEMENTS SITE RESTORATION SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)	LS LS LS LS	OUANTITY	COST	(\$000) 510 85 (10) (10) (_65) 595 _60 655 _33 688 690

10. Description of Proposed Construction: Replace 12 tanks. Remove 1 tank. Excavate and remove the tanks. Dispose of the tanks, tank residue and contaminated soil. Restore the sites.

REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG

training could be curtailed and the ANG could receive unfavorable

. PROJEC		LAS INTERNAT'L APT NORTH CAROLINA LE   5	. PROJECT	NUMBER
		ROUND FUEL STORAGE TANKS	FJRP909	
	,		FJRF909	<del>596</del>
		TAL DATA:		
a. Est	1mate	d Design Data:		
(1)	Sta	tus: Date Design Started	01	NOV 08
		Percent Complete as of Jan 94	71	65%
	(c)	Date 35% Designed	93	MAY 15
		Date Design Complete		MAY 01
(2)	Bas	is:		
		Standard or Definitive Design -		
	(b)	Where Design Was Most Recently Used -		
(3)		al Cost (c) = (a) + (b) or (d) + (e):		(\$000
		Production of Plans and Specifications		36
		All Other Design Costs Total		15 51
		Contract		51
		In-house		-
(4)	Con	struction Start		95 JUN
	ment	associated with this project will be provided	d from	
		actons. WA		
		actons. WA		
. Equir				

. COMPON	TENT FY 1995 GUARI MILITARY CO	AND RESERVE			2. DAT	E
	LATION AND LOCATION	MSTRUCTION			A ADE	A CONSTR
	LAHM AIRPORT ANG, OHIO					r consin
IVNOL I PPI	LARM AIRPORT ANG, UNIO				1	.01
FRECIE	ENCY AND TYPE OF UTILIZATION	) N	_		*	· V.1
assemblic echnicia	onthly assemblies per year, es per month, 15 days annuan force plus three evening activities.	l training per	yea	r,daily	use by	air
	ACTIVE/GUARD/RESERVE INSTA ational Guard Armory and 1					
	CTS REQUESTED IN THIS PROGR	AM: FY 1995				
CATEGORY		<u> </u>		COST		STATUS
CODE	PROJECT TITLE	SCOPE		(\$000)	START	CMPL
124–135	REPLACE UNDERGROUND FUEL STORAGE TANKS		LS	770	NOV 91	APR 94
	RESERVE FORCES FACILITIES		DATI	ON	22 JU	<u>v 93</u>
Uni	llateral Construction Appro	oved	DATI	ON	22 JUI (Da	
Uni			DATI		(Da	te)
Uni	Llateral Construction Appro	None	DATI		(Da	
Uni D. LAND A	llateral Construction Appro	None	DATI	(N	(Da	te)
Uni 9. LAND A	Llateral Construction Appro	None	DATI		(Da	te)
Uni 9. LAND A 10. PROJICATEGORY CODE 141-753	ACQUISITION REQUIRED  ECTS PLANNED IN NEXT FOUR Y  PROJECT TITLE  SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY	None  TEARS  SCOPE 29,500	SF	COST (\$000) 5,400	(Da	te)
United States of the Control of the	ACQUISITION REQUIRED  ECTS PLANNED IN NEXT FOUR Y  PROJECT TITLE  SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY COMPOSITE OPERATIONAL TRAINERS	None  TEARS  SCOPE  29,500  INING 21,000	SF SF	COST (\$000) 5,400 3,550	(Da	te)
United Double Land A Lo. PROJECATEGORY CODE L41-753	ACQUISITION REQUIRED  ECTS PLANNED IN NEXT FOUR Y  PROJECT TITLE  SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY COMPOSITE OPERATIONAL TRANSPORT	None  TEARS  SCOPE  29,500  INING 21,000	SF SF	COST (\$000) 5,400 3,550	(Da	te)
United Double Land A Lo. PROJECATEGORY CODE L41-753	ACQUISITION REQUIRED  ECTS PLANNED IN NEXT FOUR TO THE PROJECT TITLE  SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY COMPOSITE OPERATIONAL TRAINED TRACILITY SECURITY POLICE OPERATIONS	None  TEARS  SCOPE  29,500  INING 21,000	SF SF	COST (\$000) 5,400 3,550	(Da	te)
United States of the Control of the	ACQUISITION REQUIRED  ECTS PLANNED IN NEXT FOUR TO THE PROJECT TITLE  SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY COMPOSITE OPERATIONAL TRAINED TRACILITY SECURITY POLICE OPERATIONS	None  TEARS  SCOPE  29,500  INING 21,000	SF SF	COST (\$000) 5,400 3,550	(Da	te)
Uni 9. LAND A 10. PROJI CATEGORY	ACQUISITION REQUIRED  ECTS PLANNED IN NEXT FOUR TO THE PROJECT TITLE  SQUADRON OPERATIONS AND COMMUNICATIONS FACILITY COMPOSITE OPERATIONAL TRAINED TRACILITY SECURITY POLICE OPERATIONS	None  TEARS  SCOPE  29,500  INING 21,000	SF SF	COST (\$000) 5,400 3,550	(Da	te)

# 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION MANSFIELD LAHM AIRPORT ANG, OHIO 11. PERSONNEL STRENGTH AS OF 10 JUN 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	271	3	43	225	945	126	819
ACTUAL	263	3	43	217	908	122	786

#### 12. RESERVE UNIT DATA

		STRENC	STH
UNIT DESIGNATION		AUTHORIZED	ACTUAL
179 AIR GP		63	58
164 AIR SQ		90	90
179 CAM SQ		178	164
179 RMS SQ		120	115
179 MAP SQ		106	90
179 CE SQ		156	130
179 SVS FT		25	26
179 MED SQ		73	66
179 MSS SQ		37	37
179 MSS FT		40	37
179 SEP FT		57	52
8179 STD FT		0	_ 43
	TOTALS	945	908

TYPE	AUTHORIZED	ASSIGNED
C-130H Aircraft	<b>8</b>	8
Support Equipment	146	146
Vehicle Equivalents	327	370

1. COMPONENT			2	. DATE
i I	Y 1995 MILITARY C	CONSTRUCTION PROJECT	DATA	
LANG	(comput	er generated)		
3. INSTALLATION AN	D LOCATION	4. PROJECT REPLACE UND		
MANSFIELD AIRPORT	ANG LAHM OHIO	FUEL STORAGE	E TANKS	
		7. PROJECT NUMBER	·	COST(\$000)
55256F	124-135	PBXP909533	l	\$770
	9. COS	T ESTIMATES		

1	75			
			UNIT	COST
ITEM		PTITMAUO	COST	(\$000)
REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	į į		590
SUPPORTING FACILITIES	1	ł		74
UTILITIES	LS			( 17)
PAVEMENTS	LS	1		( 17)
SITE RESTORATION	LS	1		(_40)
SUBTOTAL	ŀ	1		664
CONTINGENCY (10%)	1	1		<u>66</u>
TOTAL CONTRACT COST		]		730
SUPERVISION, INSPECTION AND OVERHEAD (5%)				37
TOTAL REQUEST	ŀ	[		767
TOTAL REQUEST (ROUNDED)	1		i	770
	j			]
	i	1		ļ
	1			·
		<u>,</u>		{
		<u> </u>		
	1	1		Į
<u> </u>	1			1

10. Description of Proposed Construction: Replace 17 tanks and remove only one other. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and

County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT	DATA 2. DA	TE
NG	(computer generated)		
. INSTALLATION	N AND LOCATION		
ANCETEIN AIDD	ORT ANG LAHM OHIO		
. PROJECT TIT		5. PROJECT	NUMBER
REPLACE UNDERG	ROUND FUEL STORAGE TANKS	PBXP9095	33
. SUPPLEMENT	TAL DATA:		
a. Estimated	d Design Data:		
(1) Sta	tus:		
	Date Design Started	91	80 VOM
	Percent Complete as of Jan 94		60%
	Date 35% Designed		AUG 15
(@)	Date Design Complete	94	APR 15
(2) Bas			
	Standard or Definitive Design -		
(p)	Where Design Was Most Recently Used -		
(3) Tota	al Cost $(c) = (a) + (b)$ or $(d) + (e)$ :		(\$000)
(a)	Production of Plans and Specifications		45
	All Other Design Costs		20
	Total		65
	Contract		65
(e)	In-house		
(4) Con:	struction Start		95 MAY
	associated with this project will be proations: N/A	ovided from	
•			

1. COMPO		FY 1995 GUARD A				2. D.	ATE		
ANG		MILITARY CONS	TRUCTION			A A.	DEA	CONS	T I
		AND LOCATION CLEY MUNICIPAL APT, OH	ITO					INDE	
SPKINGI I	ELD BECE	CLEI MUNICIPAL AFI, OR	110			"		03	^
5. FREQU	ENCY ANI	TYPE OF UTILIZATION				<b>+</b> · · · · · · · · · · · · · · · · · · ·		**	
		assemblies per year, l by technician/AGR for				ning	per	•	
6. OTHER	ACTIVE	/GUARD/RESERVE INSTALL	ATIONS WITHI	N 15	MILE RA	DIUS			
	Marine	Centers, 2 Army Natio Corps Reserve Centers							
7. PROJE	CTS REQU	JESTED IN THIS PROGRAM	I: FY 1995	· · · · · · · · · · · · · · · · · · ·		<del></del> ··			
CATEGORY	•				COST			STATU	_
CODE		PROJECT TITLE	SCOPE		(\$000)	STA	RT	CMPL	
124-135		E UNDERGROUND STORAGE TANKS		LS	400	NOV	91	APR	94
211–179		AND ALTER FUEL CELL ASION CONTROL FACILITY	ND 17,000	SF	1,250	SEP	89	NOV	93
			•						
		E FORCES FACILITIES BO		DAT I	ON	22	JUN		
Joir.t/Un	ilatera:	l Construction Approve	ed <sup>-</sup>	DATI	ON		JUN Dat		<del></del>
Joir.t/Un	ilatera:			DATI		(	Dat	e)	
Joir.t/Un	ilatera: ACQUISI:	l Construction Approve	None	DAT I			Dat	e)	s
Joir.t/Un 9. LAND 10. PROJ	ilatera: ACQUISI: ECTS PLA	l Construction Approve	None	DATI		(	Dat	e)	s
Joir.t/Un	ilatera: ACQUISI: ECTS PLA	l Construction Approve	None	DATI	( <u>N</u>	(	Dat	e)	s
Joint/Un 9. LAND 10. PROJ CATEGORY CODE 124-135	ACQUISITECTS PLA	I Construction Approve	None ARS SCOPE	LS	COST (\$000)	(	Dat	e)	s
Joint/Un 9. LAND 10. PROJ CATEGORY CODE 124-135	ACQUISITECTS PLA	I Construction Approve FION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  EL STORAGE COMPLEX L TRAINING AND DINING	None ARS SCOPE	LS	COST (\$000) 4,000	(	Dat	e)	s
Joint/Un 9. LAND 10. PROJ CATEGORY CODE 124-135	ACQUISITECTS PLA	I Construction Approve FION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  EL STORAGE COMPLEX L TRAINING AND DINING	None ARS SCOPE	LS	COST (\$000) 4,000	(	Dat	e)	S
Joint/Un  9. LAND  10. PROJ CATEGORY CODE  124-135	ACQUISITECTS PLA	I Construction Approve FION REQUIRED  ANNED IN NEXT FOUR YEA  PROJECT TITLE  EL STORAGE COMPLEX L TRAINING AND DINING	None ARS SCOPE	LS	COST (\$000) 4,000	(	Dat	e)	s

# 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION SPRINGFIELD BECKLEY MUNICIPAL APT, OHIO

#### 11. PERSONNEL STRENGTH AS OF 31 JUL 93

	PERMANENT				<b>GUARD/RES</b>	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	386	31	305	50	1,211	131	1,080
ACTUAL	333	21	263	49	1,110	122	988

#### 12. RESERVE UNIT DATA

	- <u>-</u>		STRENGTH		
UNIT DESIGNATION			AUTHORIZED	ACTUAL	
178	FTR GP		56	50	
162	FTR SQ		50	53	
178	CAM SQ		389	366	
178	MSS SQ		45	38	
178	HOSP		51	51	
178	RMS SQ		120	118	
178	SEP FT		57	48	
178	CES SQ		136	119	
178	SVC FT		34	27	
178	MSS FT	•	38	36	
178	COM FT		21	20	
251	CCS GP		61	52	
269	CCS SQ		153	132	
		TOTALS	1,211	1,110	

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	18	18
Support Equipment	128	122
Vehicle Equivalents	181	400

1. COMPONENT		2. DATE
	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	ļ
ANG	(computer generated)	

3. INSTALLATION AND LOCATION

4. PROJECT TITLE

ADD TO AND ALTER FUEL CELL AND

SPRINGFIELD BECKLEY MUNICIPAL APT OHIO | CORROSION CONTROL FACILITY

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)

55256F 211-179 WAAR889648 \$1,250

	444-1/7 "AANS	07070				<u>v</u>		
9. COST ESTIMATES								
				UNIT	CO	ST		
	ITEM	U/M	OUANTITY	COST	(\$0	000)		
ADD/ALTER FUEL CELL/	CORROSION CONTROL	SF	17,000			820		
ALTER FUEL HANGAR		SF	11,000	20	(	220)		
ADD TO CORROSION C	ONTROL HANGAR	SF	6,000	100	(	600)		
SUPPORTING FACILITIE	S					310		
UTILITIES		LS			(	50)		
PAVEMENTS		LS			(	50)		
SITE IMPROVEMENTS		LS		•	(	10)		
FIRE SUPPRESSION S	YSTEM	LS			(_	200)		
SUBTOTAL			<u> </u>		1	1,130		
CONTINGENCY (5%)		İ			_	57		
TOTAL CONTRACT COST		-			1	1,187		
•	ION AND OVERHEAD (5%)	ŀ			l <u> </u>	<u>59</u>		
TOTAL REQUEST			<b>.</b>		1	L,246		
TOTAL REQUEST (ROUND	ED)		1		1	L,250		
			1					
1								
]								
		ĺ	<b>!</b>		ĺ			

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Structural steel framing with masonry walls to match existing construction. Interior alteration to provide a functional layout compatable with the addition. Fire protection and utilities and support. Air Conditioning: 5 Tons.

11. REQUIREMENT: 17,000 SF ADEQUATE: 0 SUBSTANDARD: 11,000 SF PROJECT: Add to and Alter Fuel Cell and Corrosion Control Facility (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. Increased requirements in both fuel cell maintenance and corrosion control require dedicated areas for the performance of each function. The corrosion control section requires an area to wash the aircraft and areas to safely store and mix paints, sandblast and paint small parts and perform limited aircraft painting. Additional personnel require more administrative, training and latrine space.

CURRENT SITUATION: The F-16 aircraft is more fuel cell maintenance intensive. Both fuel cell maintenance and corrosion control work are being accomplished in a single open bay. Only one of these functions can take place at a time, which leads to unacceptable delays in required maintenance and training. There are no areas for the storage and mixing of small quantities of paint which meet standards, nor are there available areas for sandblasting and the painting of small parts. Administrative and latrine areas are undersized for the number of assigned personnel. The facility out of compliance with EPA air/water standards.

IMPACT IF NOT PROVIDED: Maintenance delays. Mission degradation. Unable to achieve full operational capability. Environmental contamination of the water, ground, and air.

1 COMPONE	······································	A DAMB
1. COMPONE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	
3. INSTALL	ATION AND LOCATION	
	D BECKLEY MUNICIPAL APT OHIO	TROW MUMDED
4. PROJECT	TITLE 5. PRO	JECT NUMBER
ADD TO AND	ALTER FUEL CELL AND CORROSION CONTROL FACILITY WAA	R889648
100 AV 1141E	THE TOTAL VALUE OF THE CANADA AND THE TOTAL TH	
12. SUPPL	EMENTAL DATA:	
a. Esti	nated Design Data:	
(1)	Status:	
• •	(a) Date Design Started	89 SEP 25
	(b) Percent Complete as of Jan 94	100%
	(c) Date 35% Designed	92 FEB 04
	(d) Date Design Complete	93 NOV 15
(0)	Paris	
	Basis: (a) Standard or Definitive Design -	
	(a) Standard or berinitive besign - (b) Where Design Was Most Recently Used -	
	(b) where besign was nose Recencily obed -	
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
	(a) Production of Plans and Specifications	41
	(b) All Other Design Costs	30
	(c) Total	71
	(d) Contract	71
	(e) In-house	
(4)	Construction Start	95 MAY
	ent associated with this project will be provided from opriations: N/A	
	•	
	•	

		* ***			
1. COMPONENT ANG	FY 1995 GUARD AND MILITARY CONST			2. DATE	
	N AND LOCATION			4. AREA	CONSTR
TOLEDO EXPRESS	AIRPORT ANG, OHIO			COST	INDEX
		<del>-</del>		1.	04
•	ND TYPE OF UTILIZATION	4 61			
	assemblies per year, 15 e by technician/AGR force			ning per	
4 Army Nationa	E/GUARD/RESERVE INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED INSTALLATED	Reserve Facili	ties, 1	Marine	
	QUESTED IN THIS PROGRAM:	FY 1995	G0.07	DECICH	C
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
832-266 AIRCR	AFT DEICING APRON	LS	320	SEP 93	AUG 94
	VE FORCES FACILITIES BOA al Construction Approved		ON	22 JUN	
Unilater				(Dat	e)
Unilater 9. LAND ACQUIS	al Construction Approved ITION REQUIRED	None			e)
Unilater  9. LAND ACQUIS  10. PROJECTS P	al Construction Approved	None		(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P	al Construction Approved ITION REQUIRED	None	(N	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR	None S	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)
Unilater  9. LAND ACQUIS  10. PROJECTS P CATEGORY CODE	al Construction Approved ITION REQUIRED LAWNED IN NEXT FOUR YEAR PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION TOLEDO EXPRESS AIRPORT ANG, OHIO

#### 11. PERSONNEL STRENGTH AS OF 30 JUN 93

	PERMANENT				<b>GUARD/RES</b>	ERVE	
	TOTAL	OFFICER	ENLISTED	<b>CIVILIAN</b>	TOTAL	OFFICER	ENLISTED
AUTHORIZED	325	22	261	42	1,112	111	1,001
ACTUAL	318	22	261	35	1,069	102	967

#### 12. RESERVE UNIT DATA

			STRENGTH			
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL		
180	CES		131	121		
180	SVF		34	35		
180	SPF		57	57		
180	MSS		. 36	35		
180	COMM		55	39		
SPT	STAFF		6	6		
180	CAM		460	421		
LOGI	SQ		107	109		
LOG	GP HQ		6	5		
OPS	GP		67	65		
GP	STAFF		44	40		
180	CLINIC		73	63		
555	BAND		36	37		
STU	FIGHT		0	<u> 36</u>		
		TOTALS	1,112	1,069		

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	18	20
Support Equipment	124	103
Vehicle Equivalents	220	207

. COMPONEN				2. DATE	
ANG	MILITARY CONST	RUCTION		A ADEA	CONCER
	ATION AND LOCATION RNATIONAL AIRPORT, OKLAHOMA			4. AREA	INDEX
LULDA INIES	MATIONAL AIRFORT, ORLANOPA				88
FREQUENC	Y AND TYPE OF UTILIZATION			+	
	thly assemblies per year, 15 was by technician/AGR force			ning per	
	TIVE/GUARD/RESERVE INSTALLA: lonal Guard Armories, 1 Army re Armory				, 1
	REQUESTED IN THIS PROGRAM:	FY 1995		· 	
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
	PLACE UNDERGROUND FUEL STORAGE TANKS	LS	700	NOV 91	JUL 94
	ESERVE FORCES FACILITIES BOA		ION	6 OCT	
Unila	ateral Construction Approved		ION	6 OCT	
Unila				(Dat	e)
Unila	ateral Construction Approved	None			e)
Unila  D. LAND ACC  O. PROJECT  CATEGORY	Ateral Construction Approved QUISITION REQUIRED TS PLANNED IN NEXT FOUR YEAR	None S	COST	(Dat	e)
Unila 9. LAND ACC	ateral Construction Approved	None	<u></u>	(Dat	e)
Unila  9. LAND ACC  10. PROJECT  CATEGORY  CODE  131-111 CC	Ateral Construction Approved QUISITION REQUIRED TS PLANNED IN NEXT FOUR YEAR	None S	COST (\$000)	(Dat	e)
Unila  9. LAND ACC  10. PROJECT CATEGORY CODE  131-111 CC 1214-428 AI 722-351 DI	QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  OMPOSITE COMMUNICATIONS	None S SCOPE	COST (\$000) 2,000 1,000	(Dat	e)
Unila  9. LAND ACC  10. PROJECT  CATEGORY  CODE  131-111 CC  1214-428 AI  722-351 DI	QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  DMPOSITE COMMUNICATIONS FACILITY DD VEH MAINT SHED/REF SHED INING HALL AND MEDICAL	None S SCOPE 18,600 SF 8,700 SF	COST (\$000) 2,000 1,000	(Dat	e)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE  131-111 CC 1214-428 AI 722-351 DI	QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  DMPOSITE COMMUNICATIONS FACILITY DD VEH MAINT SHED/REF SHED INING HALL AND MEDICAL	None S SCOPE 18,600 SF 8,700 SF	COST (\$000) 2,000 1,000	(Dat	e)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE  131-111 CC 1214-428 AI 722-351 DI	QUISITION REQUIRED  TS PLANNED IN NEXT FOUR YEAR  PROJECT TITLE  DMPOSITE COMMUNICATIONS FACILITY DD VEH MAINT SHED/REF SHED INING HALL AND MEDICAL	None S SCOPE 18,600 SF 8,700 SF	COST (\$000) 2,000 1,000	(Dat	e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION

TULSA INTERNATIONAL AIRPORT, OKLAHOMA

#### 11. PERSONNEL STRENGTH AS OF 25 SEP 93

	PERMANENT				GUARD/RES	ERVE	
	TOTAL OFFICER ENLISTED CIVILIAN			TOTAL	OFFICER	ENLISTED	
AUTHORIZED	246	28	182	36	1,205	114	1,091
ACTUAL	252	24	200	28	1,049	104	945

#### 12. RESERVE UNIT DATA

			STRENGTH			
UNIT DESIGNATION			AUTHORIZED	ACTUAL		
125	FS SQ		49	51		
125	WEA FL		14	12		
138	FG HQ		59	51		
138	MSS SQ		45	43		
138	TAC CL		35	31		
138	CES SQ		124	112		
138	SPF		57	52		
138	RMS SQ		101	93		
138	CAM SQ		454	384		
138	COM FT		21	14		
138	MSF FT		40	33		
138	SVS FT		34	30		
219	EIS SQ		172	143		
	•	TOTALS	1,205	1,049		

TYPE	AUTHORIZED	ASSIGNED
F-16 Aircraft	18	13
Support Equipment	167	147
Vehicle Equivalents	274	285

1. COMPONENT							2. DATE
	TY 1995 MILITARY C	ONSTRUCT	CION PRO	OJECT	DATA	ŀ	
ANG	(comput	er gener	rated)				
3. INSTALLATION AN	ND LOCATION		4. PRO.	JECT T	ITLE		
			REPLAC	E UNDE	RGROU	UND	
TULSA INTERNATIONA			FUEL S'				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PRO	ECT NU	MBER	8. PI	ROJECT	r cost(\$000)
56256F	124-135		909609				\$700
	9. COS	T ESTIMA	TES	<del></del>			
			1			UNIT	COST
	ITEM		U/M	QUANT	ITY	COST	(\$000)
REPLACE UNDERGROUN	ND FUEL STORAGE TA	nks	LS	]			535
SUPPORTING FACILIT	CIES			Ì			70
UTILITIES			LS				( 5)
PAVEMENTS			LS		l l		( 5)
SITE RESTORATION	1		LS		1		(60)
SUBTOTAL			J	]	]		605
CONTINGENCY (10%)							61
TOTAL CONTRACT COS	ST				j		666
SUPERVISION, INSPE	ECTION AND OVERHEA	D (5%)		ļ			33
TOTAL REQUEST		•					699
TOTAL REQUEST (ROU	JNDED)			1	1		700
	-						
<u> </u>				1	1		•
1			ľ	1			1

10. Description of Proposed Construction: Replace 12 tanks and remove only 7 others. Excavate and remove the tanks. Dispose of tanks, tank residue and contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. **CURRENT SITUATION:** The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any

leakage has the potential to contaminate the soil and aquifer. The ANG

training could be curtailed and the ANG could receive unfavorable

	FY 1995 MILITARY CONSTRUCTION PROJECT DATA		. DAT	æ
NG	(computer generated)	`		
. INSTALLATIO	ON AND LOCATION			
ULSA INTERNAT	TIONAL AIRPORT OKLAHOMA	. PROJE	CT N	TIMBEL
. PROJECT III	146	. PROJE	SCI N	OUDE
EPLACE UNDER	GROUND FUEL STORAGE TANKS	XHZG	90960	9
2. SUPPLEME	TTAL DATA:			
a. Estimate	ed Design Data:			
(1) Sta	atus:			
	Date Design Started		91 N	80 VO
	Percent Complete as of Jan 94			65%
	Date 35% Designed			UN 15
(a)	Date Design Complete		74 J	OP 13
(2) Bas	sis:			
	Standard or Definitive Design -			•
(b)	Where Design Was Most Recently Used -			
(3) Tot	tal Cost (c) = (a) + (b) or (d) + (e):			(\$000
	Production of Plans and Specifications			43
(b)	All Other Design Costs			20
• •	Total			63
(ለ)	Contract			63
	To bear			
	In-house			
(e)	In-house		9	)5 JUI
(e)		÷	9	)5 JUI
(e)		·	9	)5 JUI
(e)			9	)5 JU
(e) (4) Con	associated with this project will be provided	l from	9	95 JUI
(e) (4) Con	associated with this project will be provided	l from	9	)5 JU
(e) (4) Con	associated with this project will be provided	l from	9	95 JUN
(e) (4) Con	associated with this project will be provided	l from	9	95 JU
(e) (4) Con	associated with this project will be provided	l from	9	95 JU
(e) (4) Con	associated with this project will be provided	l from	9	95 Jun
(e) (4) Con	associated with this project will be provided	l from	9	95 JU
(e) (4) Con	associated with this project will be provided	l from	9	95 Jun
(e) (4) Con	associated with this project will be provided	l from	9	95 Jun
(e) (4) Con	associated with this project will be provided	l from	9	. Jun
(e) (4) Con	associated with this project will be provided	l from	9	
(e) (4) Coi	associated with this project will be provided	l from	9	9 <b>5 Ju</b> r
(e) (4) Con	associated with this project will be provided	l from	9	)5 JU
(e) (4) Con	associated with this project will be provided	l from	9	)5 JU
(e) (4) Con	associated with this project will be provided	l from	9	-
(e) (4) Con	associated with this project will be provided	l from	9	. Jun

1. COMPONEN	T FY 1995 GUARD	AND DESERVE		2. DATE
ANG	MILITARY CON			Z. DAIL
	TION AND LOCATION TERNATIONAL AIRPORT OREGO	)N		4. AREA CONSTR COST INDEX 0.99
Four unit t	CY AND TYPE OF UTILIZATION raining assemblies per movuse by technician/AGR for	onth, 15 days a		
	TIVE/GUARD/RESERVE INSTAL			
7. PROJECTS	REQUESTED IN THIS PROGRA	M: FY 1995	COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	(\$000)	START CMPL
851-147 SI	TE RESTORATION		LS 1,700	MAR 93 APR 94
Unila	SERVE FORCES FACILITIES E	red 	ATION	15 APR 93 (Date)
Unila				(Date)
Unila	teral Construction Approx	None		
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE 171-447 AI	uisition Required S PLANNED IN NEXT FOUR YE	None	COST (\$000)	(Date)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE 171-447 AI	QUISITION REQUIRED  CS PLANNED IN NEXT FOUR YE  PROJECT TITLE  OD TO AND ALTER COMM/ELEC	None  CARS  SCOPE	COST (\$000)	(Date)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE 171-447 AI	QUISITION REQUIRED  CS PLANNED IN NEXT FOUR YE  PROJECT TITLE  OD TO AND ALTER COMM/ELEC	None  CARS  SCOPE	COST (\$000)	(Date)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE 171-447 AI	QUISITION REQUIRED  CS PLANNED IN NEXT FOUR YE  PROJECT TITLE  OD TO AND ALTER COMM/ELEC	None  CARS  SCOPE	COST (\$000)	(Date)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE 171-447 AI	QUISITION REQUIRED  CS PLANNED IN NEXT FOUR YE  PROJECT TITLE  OD TO AND ALTER COMM/ELEC	None  CARS  SCOPE	COST (\$000)	(Date)
Unila 9. LAND ACC 10. PROJECT CATEGORY CODE 171-447 AI	QUISITION REQUIRED  CS PLANNED IN NEXT FOUR YE  PROJECT TITLE  OD TO AND ALTER COMM/ELEC	None  CARS  SCOPE	COST (\$000)	(Date)

### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION PORTLAND INTERNATIONAL AIRPORT OREGON 11. PERSONNEL STRENGTH AS OF 1 JUN 93

		PER	MANENT	GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	490	11	87	392	1,447	149	1,298
ACTUAL	469	10	87	372	1,415	160	1,255

#### 12. RESERVE UNIT DATA

	-		STREN	IGTH
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL
142	HQ FIG		66	66
142	DET 1		26	25
123	FIS SQ		39	35
142	MSS SQ		45	51
142	MSS FT		41	35
142	CMS SQ		448	434
142	SEC FL		86	88
142	RMS SQ		122	116
142	USAFCL		60	50
272	CCS SQ		130	119
142	CES SQ		148	134
142	SVS FT		43	33
244	CCS SQ		148	148
8142	STU FT		0	34
HQ	OR ANG		31	32
123	WEA FT		14	15
		TOTALS	1,447	1,415

TYPE	AUTHORIZED	ASSIGNED
C-26 Aircraft	1	1
F-15 Aircraft	18	25
Support Equipment	460	433
Vehicle Equivalents	143	143

1. COMPONENT									1	2.	DATE
	F	Y 1995 MILITA	ARY CON	STRUCT	MOIT	PRC	JECT	DATA	1		
ANG			omputer	gene							
3. INSTALLATI	on ani	LOCATION			4. F	PROJ	JECT :	ritli	3		
PORTLAND INTE							STOR				
5. PROGRAM EL	EMENT	6. CATEGORY	CODE 7	. PROJ	JECT	NUM	BER	8. I	PROJEC	T	COST(\$000
			}								
55256F		851-147			9395	28		l			1.700
		9	. COST	ESTIM/	TES						
					Í.,				UNIT		COST
7700 00000	T 0 17	ITEM					QUAN	CITY	COST		(\$000)
SITE RESTORAT	TOM					JS					1.550
SUBTOTAL	E#\				ľ	Ì	!				1,550
CONTINGENCY ( COTAL CONTRAC	-	<b>.</b>			j	}					78
SUPERVISION,		-	PDUPAD	(54)	l						1,628 81
COTAL REQUEST		SIION AND OV	EKILEAD		ł	- 1	l				1,709
TOTAL REQUEST		anen)			- 1	- 1					1,700
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Description of Proposed Construction: Construct new and rerouted roads, parking areas, concrete curbs/gutters, storm drainage, sewer laterals, street lights, comm, and gas distribution lines. Regrade, seed and landscape areas to be restored. Develop central core area consistent with Master Plan. Integrate storm water and sewer systems into airport and local systems. Demolition as required to provide site restoration.

REQUIREMENT: As required.

PROJECT: Site Restoration (Current Mission).

**<u>REQUIREMENT</u>**: This is a category II environmental compliance project. base requires a properly sized and environmentally correct base infastructure that will meet Federal, State, and Local environmental regulations and that will provide for future expansion and not endanger the environment nor the base and local population. In addition, properly sized and located utility systems are required to conform to the Master Plan that is currently being accomplished through the construction of several new facilities and the demolition of old facilities. CURRENT SITUATION: The execution of the modernization of the base through construction guided by the Master Plan has forced the relocation of several of the base's environmental systems. The modernization has forced

the resizing of the systems and the upgrading of their interconnections with the city systems as they exit the base. The age of the systems requires that they be updated to meet current and the more stringent requirements of modern environmental regulations. Current systems are inadequate, undersized and in danger of polluting the local environment and endangering the health of base and local populations. The existing infrastructure system does not meet the requirements. They are old, undersized and poorly arranged. They do not integrate into the ANG master

1. COMPONENT		2. DATE
ANG	FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	
	ION AND LOCATION	
	ERNATIONAL AIRPORT OREGON	
4. PROJECT TI	ITLE 5.	PROJECT NUMBER
SITE RESTORAT	rion	TOKD939528
IMPACT IF NOT able to prope	airport inprovement plan.  T. PROVIDED: Accept the risk. Existing systems werly serve the new construction and are in danger the soil and water. Possible negative publicity	rof
	·	

	ENT	EN 1005 MILITARY CONSTRUCTION PROTECT TO	2. DATE
1G		FY 1995 MILITARY CONSTRUCTION PROJECT DAT  (computer generated)	·A
	LATIO	N AND LOCATION	
		NATIONAL AIRPORT OREGON	
. PROJEC	T TIT	LE	5. PROJECT NUMBER
TE REST	∩ратт	OM	TOKD939528
TH KHOL	VICALL	VN	1000939326
2. SUPP	LEMEN	TAL DATA:	
a. Est	imate	d Design Data:	
(1)	Sta		
		Date Design Started	93 MAR 22
		Percent Complete as of Jan 94	95%
		Date 35% Designed Date Design Complete	93 SEP 11 94 APR 01
	(u)	pace hearBu combiners	94 APK UI
(2)	Bas	is:	
		Standard or Definitive Design -	
	(p)	Where Design Was Most Recently Used -	
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):	(\$000
• •		Production of Plans and Specifications	8.5
		All Other Design Costs	30
		Total	115
	(4)	Contract	115
		In havea	
		In-house	
(4)	(e)	In-house struction Start	95 JUN
(4)	(e)		
(4)	(e)		
(4)	(e)		
. Equip	(e) Con ment	struction Start  associated with this project will be provide	95 JUN
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FY 1995 GUARD AN			2. DATE
ON AND LOCATION			4. AREA CONST
AND TYPE OF UTILIZATION			1.01
y assemblies per year, 15			ning per
		15 MILE RA	DIUS
EQUESTED IN THIS PROGRAM:	FY 1995	COST	DESIGN STATUS
PROJECT TITLE	SCOPE		START CMPL
	L	S 1,800	NOV 91 JUL 9
RVE FORCES FACILITIES BOA		TION	14 OCT 92 (Date)
			(Date)
ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None RS	COST	
ral Construction Approved	None	COST (\$000)	(Date)
	MILITARY CONSTON AND LOCATION, PENNSYL AND TYPE OF UTILIZATION y assemblies per year, 15 se by technician/AGR force VE/GUARD/RESERVE INSTALLA e Center and 1 Air Nation	MILITARY CONSTRUCTION ON AND LOCATION GAP ANG STATION, PENNSYLVANIA  AND TYPE OF UTILIZATION y assemblies per year, 15 days annual se by technician/AGR force and for tra  VE/GUARD/RESERVE INSTALLATIONS WITHIN e Center and 1 Air National Guard Unit  EQUESTED IN THIS PROGRAM: FY 1995  PROJECT TITLE SCOPE  ACE UNDERGROUND	MILITARY CONSTRUCTION ON AND LOCATION GAP ANG STATION, PENNSYLVANIA  AND TYPE OF UTILIZATION y assemblies per year, 15 days annual field traise by technician/AGR force and for training.  VE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RATE CENter and 1 Air National Guard Unit  EQUESTED IN THIS PROGRAM: FY 1995  COST PROJECT TITLE SCOPE (\$000)  ACE UNDERGROUND LS 1,800

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATI	ON AND LOCATION	
FT INDIANTOWN	GAP ANG STATION, PENNSYLVANIA	

11. I	PERSONNEL	STRENGTH	AS	OF	30	JUL	93
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		PERMANENT			GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	89	6	82	1	514	40	474
ACTUAL	89	6	82	1	454	25	429

#### 12. RESERVE UNIT DATA

			STRENGTH				
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL			
193	DET 1		8	7			
201	RHCEF		224	219			
203	WF		22	18			
211	EIS		172	155			
271	CCS		_ 163	144			
		TOTALS	589	543			

TYPE	AUTHORIZED	ASSIGNED
Support Equipment	127	127
Vehicle Equivalents	686	693

1. COMPONENT			2. DATE
	FY 1995 MILITARY CO	ONSTRUCTION PROJECT	DATA
ANG	(compute	er generated)	
3. INSTALLATION A	ND LOCATION	4. PROJECT	TITLE
FT INDIANTOWN GAP	ERGROUND		
PENNSYLVANIA		FUEL STORAG	E TANKS
5. PROGRAM ELEMEN	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
55256F	124-135	LKLW909640	\$1,800
i	ם כחפי	T POTIMATES	

_	9. COST ESTIMATE	5			
-	ITEM	II/M	QUANTITY	UNIT COST	COST (\$000)
	REPLACE UNDERGROUND FUEL STORAGE TANKS SUPPORTING FACILITIES PAVEMENTS UTILITIES SITE RESTORATION SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)	LS LS LS			1,400 160 ( 20) ( 40) ( 100) 1,560 1,716 86 1,802 1,800

10. Description of Proposed Construction: Replace 41 tanks. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. **CURRENT SITUATION:** The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable

	ENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DAT	TE
1G		(computer generated)		
	LATIO	N AND LOCATION		
F TBVD7ABW	mathe	CAD AND STATION DENISCULVANIA		
. PROJECT		GAP ANG STATION PENNSYLVANIA	PROJECT 1	TUMBER
,				
PLACE U	nderg	ROUND FUEL STORAGE TANKS	LKLW90964	10
2. SUPPI	Lemen	TAL DATA:		
a. Est	imate	d Design Data:		
(1)	Sta	tus:		
		Date Design Started	91 1	80 VO
		Percent Complete as of Jan 94		657
		Date 35% Designed	, , ,	NPR 15
	(a)	Date Design Complete	94 .	OF T
(2)	Bas	is:		
		Standard or Definitive Design -		
	(b)	Where Design Was Most Recently Used -		
(3)	Tot	al Cost (c) = (a) + (b) or (d) + (e):		(\$000
(0)		Production of Plans and Specifications		8
	(b)	All Other Design Costs	-	4(
		Total		12
	(d)	Contract		12
		In-house		
(4)	(e)	In-house struction Start	ç	)5 JUI
(4)	(e)		ģ	)5 JUI
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(4)	(e)		ç	)5 JVI
	(e) Con			)5 JVI
	(e) Con	struction Start  associated with this project will be provided to		)5 JVI
. Equip	(e) Con	struction Start  associated with this project will be provided to		95 JW
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. Equip	(e) Con	struction Start  associated with this project will be provided to		95 JUI
. Equip	(e) Con	struction Start  associated with this project will be provided to		95 JVI
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. COMPONENT	FY 1995 GUARD AND				2. DA	TE		
ANG	MILITARY CONSTRU	UCTION			<u> </u>			
. INSTALLATION					4. AR			
IIISBUKGH INI	L APT ANG, PENNSYLVANIA					1.0	INDE	А
welve monthly	D TYPE OF UTILIZATION assemblies per year, 15 or by technician/AGR force				ning p	er		
-	/GUARD/RESERVE INSTALLAT					ty		
	UESTED IN THIS PROGRAM:	FY 1995		COCM	DRCTC	<b>127</b> (	O OD A ODT	
CATEGORY CODE	PROJECT TITLE	SCOPE		COST \$000)	DESIG		CMPI	_
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			LS	F 0 0	NOV 9			
24-135 REPLAC FUEL	E UNDERGROUND STORAGE TANKS		LS	500	NOV 9	,1	MAR	94
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FUEL  S. STATE RESERV Unilaters	STORAGE TANKS  TE FORCES FACILITIES BOAR  Al Construction Approved	D RECOMMEND	•		14 0		92	9.
FUEL  3. STATE RESERV	STORAGE TANKS  TE FORCES FACILITIES BOAR  Al Construction Approved		•		14 C	)CT	<u>92</u> e)	
FUEL  3. STATE RESERV Unilaters  4. LAND ACQUISI  10. PROJECTS PL	STORAGE TANKS  TE FORCES FACILITIES BOAR  Al Construction Approved	D RECOMMEND	DATION	<u>(1)</u>	14 0	)CT	<u>92</u> e)	
FUEL  S. STATE RESERV Unilatera  D. LAND ACQUISI  O. PROJECTS PLEATEGORY	E FORCES FACILITIES BOAR COnstruction Approved TION REQUIRED	D RECOMMENI	DATION	COST	14 C	)CT	<u>92</u> e)	
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FUEL  3. STATE RESERVE Unilaters  3. LAND ACQUIST  10. PROJECTS PLEATEGORY  CODE  124-135 JET FUEL  141-753 ADD TO	TE FORCES FACILITIES BOAR TO CONSTRUCTION Approved TION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE  TEL STORAGE COMPLEX SQUADRON OPERATIONS	D RECOMMEND None SCOPE	C	COST	14 C	)CT	<u>92</u> e)	
FUEL  3. STATE RESERV Unilaters  4. LAND ACQUIST  4. LAND ACQUIST  5. LAND ACQUIST  6. PROJECTS PL  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  CODE  6. ATEGORY  CODE  6. ATEGORY  CODE  6. ATEGORY  CODE  6. ATEGORY  CODE  CODE  6. ATEGORY  CODE  CODE  CODE  CODE  COD	TE FORCES FACILITIES BOAR IL Construction Approved TION REQUIRED  ANNED IN NEXT FOUR YEARS  PROJECT TITLE  TEL STORAGE COMPLEX SQUADRON OPERATIONS LITY TELL AND CORROSION	D RECOMMEND None SCOPE	LS SF	COST \$000)	14 C	)CT	<u>92</u> e)	
FUEL  3. STATE RESERVE Unilaters  4. LAND ACQUIST  5. LAND ACQUIST  6. PROJECTS PLE  6. ATEGORY  CODE  6. 24-135 JET FUEL  6. ATEGORY  CODE  7. ACIL  6. CONTR	TE FORCES FACILITIES BOAR IL Construction Approved TION REQUIRED  ANNED IN NEXT FOUR YEARS PROJECT TITLE TEL STORAGE COMPLEX SQUADRON OPERATIONS TITY TELL AND CORROSION TOL FACILITY	None  SCOPE  16,600	LS SF	COST \$000) 5,500 2,550	14 C	)CT	<u>92</u> e)	
FUEL  3. STATE RESERV Unilaters  4. LAND ACQUIST  4. LAND ACQUIST  5. LAND ACQUIST  6. PROJECTS PL  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  CODE  6. ATEGORY  CODE  6. ATEGORY  CODE  6. ATEGORY  CODE  6. ATEGORY  CODE  CODE  6. ATEGORY  CODE  CODE  CODE  CODE  COD	TE FORCES FACILITIES BOAR IL Construction Approved TION REQUIRED  ANNED IN NEXT FOUR YEARS PROJECT TITLE TEL STORAGE COMPLEX SQUADRON OPERATIONS TITY TELL AND CORROSION TOL FACILITY	None  SCOPE  16,600  37,100	LS SF	COST \$000) 5,500 2,550 5,400	14 C	)CT	<u>92</u> e)	
FUEL  3. STATE RESERVE Unilaters  4. LAND ACQUIST  4. LAND ACQUIST  5. LAND ACQUIST  6. PROJECTS PLE  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. LAND ACQUIST  6. ATEGORY  CODE  6. LAND ACQUIST  6. LAND ACQUIST  6. LAND ACQUIST  6. LAND ACQUIST  6. LAND ACQUIST  6. LAND ACQUIST  6. LAND ACQUIST  6. LAND ACQUIST  CONTR	TE FORCES FACILITIES BOAR IL Construction Approved TION REQUIRED  ANNED IN NEXT FOUR YEARS PROJECT TITLE TEL STORAGE COMPLEX SQUADRON OPERATIONS TITY TELL AND CORROSION TOL FACILITY	None  SCOPE  16,600  37,100	LS SF	COST \$000) 5,500 2,550 5,400	14 C	)CT	<u>92</u> e)	

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION PITTSBURGH INT'L APT ANG, PENNSYLVANIA 11. PERSONNEL STRENGTH AS OF 31 JUL 93 GUARD/RESERVE PERMANENT TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 534 458 1,879 1,628 70 6 251

428

6

1,741

245

1,496

#### 12. RESERVE UNIT DATA

504

70

ACTUAL

			STREN	IGTH
UNIT DES	<u>IGNATION</u>		AUTHORIZED	ACTUAL
171	AREWFW		70	62
147	AREFS		74	82
171 !	MSS		46	42
171	CAMS		359	319
171	CLN		55	49
171	CES		159	155
171	SPF		75	75
171	rms		120	111
171 !	MSF		34	31
171	SVF		27	26
112	AREFG		69	61
146	AREFS		74	75
112 I	MSS		46	39
112	CAMS		359	327
112	CLN		55	53
112	SPF		62	57
112	rms		120	111
146	WEAFLT		19	17
112	MSF		31	25
112	SVF		<u>25</u>	24
		TOTALS	1,879	1,741

TYPE	<u>AUTHORIZED</u>	<b>ASSIGNED</b>
KC-135E Aircraft	20	20
Support Equipment	0	0
Vehicle Equivalents	304	439

. COMPONENT								2. DATE	
	F	7 1995 MILITARY (	CONSTRUC	TION F	ROJEC	T DAT	A		
NG		(comput	er gene	rated)					
. INSTALLATI	ON ANI	LOCATION		4. PI	OJECI	TITL	E		
				REPLA	CE UN	DERGR	DUND		
		T ANG PENNSYLVAN				GE TAI			
. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT 1	UMBER	8.	PROJEC	T COST(	\$000
55256F		124-135		090963	6	-		\$500	0
		9. COS	T ESTIM	ATES _	<del>-,</del>			1	
							UNIT		
		ITEM				NTITY	COST	(\$00	
		FUEL STORAGE TA	INKS	LS	•				370
UPPORTING FA	CILITI	LES		١.,					65
UTILITIES				LS				;	10
PAVEMENTS SITE RESTOR	ATTON			LS				}	5
SIIE RESIUR UBTOTAL	ALIUN			122	' <b>i</b>			'-	<u>5(</u>
ONTINGENCY (	1041				- [				433
OTAL CONTRAC	-	p.						-	479
		TION AND OVERHEA	D (5%)	]					24
OTAL REQUEST			.D (3A)					-	503
OTAL REQUEST		(DED)							500
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10. Description of Proposed Construction: Replace 9 tanks and remove only 1 other. Excavate and remove the tanks. Dispose of the tanks, tank residue and contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

1. COMPONENT		2. DATE
	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	
ANG INSTALLATI	(computer generated) ON AND LOCATION	
J. INSTRUMIT	on mib bouilton	
	T'L APT ANG PENNSYLVANIA	
4. PROJECT TI	TLE	5. PROJECT NUMBER
REPLACE UNDER	GROUND FUEL STORAGE TANKS	JLS0909636
12. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
(1) St	atus:	
	Date Design Started	91 NOV 08
	Percent Complete as of Jan 94	95%
	Date 35% Designed	93 APR 15
(a)	Date Design Complete	94 MAR 15
(2) Ba	sis:	
(a)	Standard or Definitive Design -	
(b)	Where Design Was Most Recently Used -	
(3) To	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	Production of Plans and Specifications	27
	All Other Design Costs	15
	Total	42
	Contract	42
(e)	In-house	
(4) Co	nstruction Start	95 JUN
	associated with this project will be provided	i from
other appropr	iations: N/A	
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1. COMPONENT	FY 1995 GUARD AND	RESERVE		2. DATE	
ANG	MILITARY CONSTR	RUCTION			
	ON AND LOCATION			4. AREA	
HARRISBURG IA	P OLMSTEAD FLD PENNSYLVANI	I.A.		l .	INDEX
E EDBUIDMON	AND TYPE OF UTILIZATION			<u> </u>	97
Weekend Drill	, Unit Training Activities day per year. Daily use t				
	VE/GUARD/RESERVE INSTALLAT				
	REQUESTED IN THIS PROGRAM:	FY 1995		<del></del>	
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
	ACE UNDERGROUND	LS	690	NOV 91	JUN 94
	RVE FORCES FACILITIES BOAR eral Construction Approved	RD RECOMMENDAT	CION	14 OCT	
Unilate		RD RECOMMENDAT	CION	<u>14 OCT</u> (Dat	
Unilate 9. LAND ACQUI	eral Construction Approved	None			:e)
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Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY CODE	eral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY CODE	eral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS PROJECT TITLE	None S SCOPE	COST (\$000)	(Dat	:e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION HARRISBURG IAP OLMSTEAD FLD PENNSYLVANIA 11. PERSONNEL STRENGTH AS OF 3 JUL 92 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 425 44 377 1,872 221 1,651 ACTUAL 425 44 377 1,767 220 1,547

# 12. RESERVE UNIT DATA

			<u>STRENGTH</u>			
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL		
193	SOGP		60	58		
193	SOS		162	175		
193	MSS		45	41		
193	MSF		41	. 39		
193	SVF		34	31		
193	CAM		344	312		
193	RMS		120	119		
193	CES		124	115		
193	HOSP		73	69		
193	SPF		61	64		
193	SOCF		21	19		
193	BRG		9	7		
553	BAND		36	34		
112	ACS		94	96		
114	ACS		67	51		
203	WEA FL		21	21		
211	EIS		172	151		
271	CCSG		165	138		
201	RHCEF		223	227		
		TOTALS	1,872	1,767		

TYPE	AUTHORIZED	<u>ASSIGNED</u>
EC-130E/RR Aircraft	4	4
EC-130E/CL Aircraft	6	6
Support Equipment	100	92
Vehicle Equivalents	240	240

1. COMPONENT						I -	2. DATE	
F1	Y 1995 MILITARY CO	ONSTRUCTI	ON PRO	OJECT	DATA	1		
ANG	(compute	er genera	ted)					
3. INSTALLATION AND	D LOCATION	4	. PRO	JECT I	ITLE			
HARRISBURG INTERNAT	TIONAL AIRPORT	R	EPLAC	E UNDE	RGRO	UND		
PENNSYLVANIA		F	JEL S	TORAGE	TAN	TKS		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUI	MBER	8. I	PROJEC:	T COST(	\$000)
55256F	124–135	SHY09	00455				\$69	^
332368	·	T ESTIMAT					307	<u> </u>
	7. 000.	BOLLINAL	1	T		UNIT	l co	ST
	ITEM		U/M	OUANT	TTY		1 7	
REPLACE UNDERGROUND		NKS	LS					500
SUPPORTING FACILITY	IES							100
UTILITIES			LS	İ			(	10)
PAVEMENTS			LS	ł				10)
SITE RESTORATION			LS					80)
SUBTOTAL								600
CONTINGENCY (10%)								60
TOTAL CONTRACT COST	Γ			]				660
SUPERVISION, INSPE	CTION AND OVERHEAD	D (5%)						33
TOTAL REQUEST			1					693
TOTAL REQUEST (ROU	NDED)				ł			690
			1	]				
1			1	ł		1	ł	

10. Description of Proposed Construction: Replace 10 tanks and remove only 6 others. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. **CURRENT SITUATION:** The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

APRICRIII	ነር ነመጥው፤	RNATIONAL AIRPORT PENNSYLVANIA		
. PROJE			5. PRO	JECT NUMBER
EPLACE I	JNDERGRO	OUND FUEL STORAGE TANKS	SHY	0909655
		AL DATA:		
a. Est	timated	Design Data:		
(1)	) Statu	.a:		
•		Date Design Started		91 NOV 08
		Percent Complete as of Jan 94		65%
		Date 35% Designed		93 JUN 15
	(d) I	Date Design Complete		94 JUN 15
(2)	) Basis	<b>:</b>		
\-	•	Standard or Definitive Design -		
		where Design Was Most Recently Used -		
(3)	) Total	L Cost $(c) = (a) + (b)$ or $(d) + (e)$ :		(\$000
	(a) I	Production of Plans and Specifications		37
		All Other Design Costs		15
	(c) 1			52
		Contract		52
	(e) 1	In-house		
(4)	) Const	truction Start		95 MAY
		ssociated with this project will be prov tions: N/A	ided from	
			ided from	
			ided from	
			ided from	
			ided from	
			ided from	
. Equi			ided from	
			ided from	
			ided from	
			ided from	

1. COMPONENT					
ANG	FY 1995 GUARD MILITARY CON			2. DATE	
	ION AND LOCATION AIR RESERVE FACILITY, P			COST	CONSTR INDEX 09
Twelve month	AND TYPE OF UTILIZATION ly assemblies per year, use by technician/AGR fo	15 days annual		ning per	
12 Army Nati	IVE/GUARD/RESERVE INSTAL onal Guard, 8 Army Reser ir Force Reserve and 1 A	ve, 4 Naval Res	erve, 1 Ma		ps
7. PROJECTS CATEGORY CODE	REQUESTED IN THIS PROGRA	M: FY 1995 <u>SCOPE</u>	COST (\$000)	DESIGN START	
	LACE UNDERGROUND EL STORAGE TANKS	I	S 470	NOV 91	AUG 94
	ERVE FORCES FACILITIES B		TION	14 OCT	
9. LAND ACQU	ISITION REQUIRED	None			
			(N		
	PLANNED IN NEXT FOUR YE	ARS	COCT	umber or	Acres
	PLANNED IN NEXT FOUR YE  PROJECT TITLE	ARS SCOPE	COST (\$000)	umber of	Acres
CATEGORY CODE			<u>(\$000)</u>	umber or	Acres
CATEGORY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	umber or	Acres
CATEGORY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	umber or	Acres
CATEGORY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	umper or	Acres
CATEGORY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	umber or	Acres
CATEGORY CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	umber or	Acres

# 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION

WILLOW GROVE AIR RESERVE FACILITY, PENNSYLVANIA

#### 11. PERSONNEL STRENGTH AS OF 31 AUG 93

	PERMANENT					GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	331	23	298	10	1,136	114	1,022
ACTUAL	286	23	257	6	1,083	116	967

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	<u>SIGNATION</u>		AUTHORIZED	ACTUAL
111	FG		59	65
103	FS		55	57
111	CAM		396	359
111	MSS		45	42
111	TC		34	35
111	RMS		120	119
111	CES		124	112
111	SVF		25	25
111	SPF		57	58
111	MSF		34	38
140	WF		16	18
270	EIS		<u>171</u>	<u> 155</u>
		TOTALS	1,136	1,083

TYPE	AUTHORIZED	ASSIGNED
OA-10 Aircraft	18	20
C-26 Aircraft	1	1
Support Equipment	151	140
Vehicle Equivalents	348	348

1. COMPONENT					2	. DATE
F	Y 1995 MILITARY CO	ONSTRUCT	ION PR	DJECT DA		
ANG	(compute	er gener	ated)	-25		<u> </u>
3. INSTALLATION AN	D LOCATION		4. PRO	JECT TIT	LE	
WILLOW GROVE AIR R	ESERVE FACILITY		REPLAC	e underg	ROUND	
<u>PENNSYLVANIA</u>				TORAGE T		<del></del>
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	ECT NU	MBER 8.	PROJECT	COST(\$000
EE2E4D	104 105	7 4574	000654			\$470
55256F	124-135	T ESTIMA	1909654		· · · · · · · · · · · · · · · · · · ·	34/0
	7. QVQ.	TOTILL		1	UNIT	COST
	ITEM		U/M	OUANTIT		(\$000)
REPLACE UNDERGROUN		NKS	LS			355
SUPPORTING FACILIT	IES					55
UTILITIES			LS			( 10
PAVEMENTS			LS	1		( 5
SITE RESTORATION			LS			(40
SUBTOTAL					ı	410
CONTINGENCY (10%)						41
TOTAL CONTRACT COS	_	D /EW\				451
SUPERVISION, INSPE	CIION AND OVERHEAD	U (5%)	[			<u>23</u> 474
TOTAL REQUEST (ROU	MULU					474
TOTAL REQUEST (ROU	MDED)					4/0
			i			

10. Description of Proposed Construction: Replace 9 tanks. Excavate and remove the tanks. Dispose the tanks, tanks residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Federal Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG

training could be curtailed and the ANG could receive unfavorable

(a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house	TII OU ARA	1179 A	TD DECEDUE EACTITMU DENNICUTUANTA		
2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status:     (a) Date Design Started				. PROJECT	NUMBER
2. SUPPLEMENTAL DATA:  a. Estimated Design Data:  (1) Status:     (a) Date Design Started					
a. Estimated Design Data:  (1) Status: (a) Date Design Started (b) Percent Complete as of Jan 94 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  51 NOV 08 65% 65% 69% 69% 69% 69% 69% 69% 69% 69% 69% 69	EPLACE UN	DERG	ROUND FUEL STORAGE TANKS	ZAWA909	654
(1) Status:  (a) Date Design Started (b) Percent Complete as of Jan 94 (c) Date 35% Designed (d) Date Design Complete (e) Date Design Complete (f) Where Design Was Most Recently Used -  (g) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (h) Construction Start  (h)	2. SUPPL	.emen	TTAL DATA:		
(a) Date Design Started (b) Percent Complete as of Jan 94 (c) Date 35% Designed (d) Date Design Complete (d) Date Design Complete (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  91 NOV 08 65% 65% 65% 93 JUN 15 94 AUG 15 (\$000	a. Esti	mate	ed Design Data:		
(b) Percent Complete as of Jan 94 (c) Date 35% Designed 93 JUN 15 (d) Date Design Complete 94 AUG 15  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications 20 (b) All Other Design Costs 12 (c) Total 32 (d) Contract 32 (e) In-house  (4) Construction Start 95 MAY	(1)				
(c) Date 35% Designed 93 JUN 15 (d) Date Design Complete 94 AUG 15  (2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications 20 (b) All Other Design Costs 12 (c) Total 32 (d) Contract 32 (e) In-house  (4) Construction Start 95 MAY				91	
(d) Date Design Complete 94 AUG 15  (2) Basis:     (a) Standard or Definitive Design -     (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications 20 (b) All Other Design Costs 12 (c) Total 32 (d) Contract 32 (e) In-house  (4) Construction Start 95 MAY				0.2	
(2) Basis: (a) Standard or Definitive Design - (b) Where Design Was Most Recently Used -  (3) Total Cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house  (4) Construction Start  Equipment associated with this project will be provided from					
(a) Standard or Definitive Design — (b) Where Design Was Most Recently Used —  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications 20 (b) All Other Design Costs 12 (c) Total 32 (d) Contract 32 (e) In-house  (4) Construction Start 95 MAY		(u)	nace nestRir combined	74	VOG TO
(a) Standard or Definitive Design — (b) Where Design Was Most Recently Used —  (3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000 (a) Production of Plans and Specifications 20 (b) All Other Design Costs 12 (c) Total 32 (d) Contract 32 (e) In-house  (4) Construction Start 95 MAY	(2)	Bas	sis:		
(3) Total Cost (c) = (a) + (b) or (d) + (e):  (a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  Squipment associated with this project will be provided from	<b>\</b> - <b>\</b>	(a)	Standard or Definitive Design -		
(a) Production of Plans and Specifications  (b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  20  41  32  42  43  44  45  46  46  47  48  48  49  49  40  40  40  41  41  42  43  44  45  46  46  47  48  48  48  48  48  48  48  48  48		(b)	Where Design Was Most Recently Used -		
(b) All Other Design Costs  (c) Total  (d) Contract  (e) In-house  (4) Construction Start  95 MAY  Equipment associated with this project will be provided from	(3)				(\$000
(c) Total 32 (d) Contract 32 (e) In-house  (4) Construction Start 95 MAY  . Equipment associated with this project will be provided from					20
(d) Contract (e) In-house  (4) Construction Start  95 MAY  Leguipment associated with this project will be provided from					12
(e) In-house  (4) Construction Start  95 MAY  Leguipment associated with this project will be provided from					32
(4) Construction Start 95 MAY  . Equipment associated with this project will be provided from					32
. Equipment associated with this project will be provided from		•			
	(4)	Con	nstruction Start		95 MAY
				l from	

ANG   MILITARY CONSTRUCTION  3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNAT'L APT ANG UTAH  5. FREQUENCY AND TYPE OF UTILIZATION  Neelve monthly assemblies per year, 15 days annual field traning per year, daily use by technician/AGR force and for training.  6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY GODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94 FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. None (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY GODE PROJECT TITLE SCOPE (\$000)  11-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910 TRAINING FACILITY		NENT	FY 1995 GUAR					2. DATE	E
SALT LAKE CITY INTERNAT'L APT ANG UTAH  5. FREQUENCY AND TYPE OF UTILIZATION  Twelve monthly assemblies per year, 15 days annual field traning per year, daily use by technician/AGR force and for training.  6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995  CATEGORY  GODE  PROJECT TITLE  SCOPE  (\$000)  START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE  PACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Unilateral Construction Approved  9. LAND ACQUISITION REQUIRED  None  (Number of Acres)  CATEGORY  COST  GODE  PROJECT TITLE  SCOPE  (\$000)  141-753 ADD TO AND ALTER SQUADRON  OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS  8,800 SF  910				ONSTRUCTI	ON			<del>                                     </del>	
1.00  5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field traning per year, daily use by technician/AGR force and for training.  6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY COST DESIGN STATUS GODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94 FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED None  (Number of Acres: 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST GODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY 171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910				UTAH				4	
Twelve monthly assemblies per year, 15 days annual field traning per year, daily use by technician/AGR force and for training.  6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY COST DESIGN STATUS CODE PROJECT TITLE SCOPE (\$000) START CMFL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94 FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED None (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST COST GODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910								L	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94 FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000) 141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY 171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	5. FREQU	ENCY AND I	YPE OF UTILIZATION	ON			-		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995  CATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE  LS  400 MAR 93 MAY 94  FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  Unilateral Construction Approved  9. LAND ACQUISITION REQUIRED  None  (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  141-753 ADD TO AND ALTER SQUADRON  OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS  8,800 SF  910	Twelve m	onthly ass	emblies per year	, 15 days	annua	l fi	eld tran	ing per	year,
1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995  CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94  FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9 NONe  (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	daily us	e by techr	ician/AGR force	and for t	rainin	g.			
1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995  CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94  FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9 NONe  (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910									
I Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995 CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94 FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9 None (Number of Acres)  9. LAND ACQUISITION REQUIRED None (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910									
1 Naval/Marines Corps Reserve, 1 Army Reserve and 2 Army National Guard Units  7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1995  CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94  FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9 NONe  (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910									
CATEGORY CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9. LAND ACQUISITION REQUIRED 10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000)  (Number of Acres)  COST COODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910									ard
CODE PROJECT TITLE SCOPE (\$000) START CMPL  116-672 AIRCRAFT WASHRACK AND DEICE LS 400 MAR 93 MAY 94 FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved 9 NOV 93 (Date)  9. LAND ACQUISITION REQUIRED None (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST GODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	7. PROJE	CTS REQUES	TED IN THIS PROG	RAM: FY	1995	<u> </u>	<del></del>		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved  9. LAND ACQUISITION REQUIRED  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY 171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910									
FACILITY  8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved  9. LAND ACQUISITION REQUIRED  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY 171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	CODE	1	PROJECT TITLE	*	SCOPE		(\$000)	<u>START</u>	CMPL
Unilateral Construction Approved  9. LAND ACQUISITION REQUIRED  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS  8,800 SF  9 NOV 93 (Date)  COST (Number of Acres) (\$000)	116-672			CE		LS	400	MAR 93	MAY 9
9. LAND ACQUISITION REQUIRED  None  (Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS  CATEGORY  CODE  PROJECT TITLE  SCOPE  (\$000)  141-753 ADD TO AND ALTER SQUADRON  OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS  8,800 SF  910									
(Number of Acres)  10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY  CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910					COMMEN	DATI	ON		
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST  GODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	Un	ilateral (	Construction Appr	oved		DATI	ON		
CODE PROJECT TITLE SCOPE (\$000)  141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY  171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	Un	ilateral (	Construction Appr	oved		DATI		(Dat	te)
141-753 ADD TO AND ALTER SQUADRON 11,400 SF 1,300 OPERATIONS FACILITY 171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	9. LAND	ilateral (	Construction Appr	oved No:		DATI		(Dat	te)
OPERATIONS FACILITY 171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	9. LAND	ilateral ( ACQUISITIO ECTS PLANI	Construction Appr	oved No:		DATI	(N	(Dat	te)
171-447 COMMUNICATIONS AND ELECTRONICS 8,800 SF 910	Un 9. LAND 10. PROJ CATEGORY	ilateral ( ACQUISITION ECTS PLANT	ON REQUIRED WED IN NEXT FOUR	oved No:	ie	DATI	COST	(Dat	te)
	9. LAND 10. PROJ CATEGORY CODE	ACQUISITION ECTS PLANT	Construction Appron	oved Nor YEARS	SCOPE		COST (\$000)	(Dat	te)
	Un D. LAND LO. PROJ CATEGORY CODE 141-753	ACQUISITION ECTS PLANT ADD TO ATO OPERATION COMMUNICATION	Construction Appron	Noi YEARS	SCOPE 11,400	SF	COST (\$000) 1,300	(Dat	te)
	Un 9. LAND 10. PROJ CATEGORY CODE 141-753	ACQUISITION ECTS PLANT ADD TO ATO OPERATION COMMUNICATION	Construction Appron	Noi YEARS	SCOPE 11,400	SF	COST (\$000) 1,300	(Dat	te)
	Un 9. LAND 10. PROJ CATEGORY CODE 141-753	ACQUISITION ECTS PLANT ADD TO ATO OPERATION COMMUNICATION	Construction Appron	Noi YEARS	SCOPE 11,400	SF	COST (\$000) 1,300	(Dat	te)
	Un 9. LAND 10. PROJ CATEGORY CODE 141-753	ACQUISITION ECTS PLANT ADD TO ATO OPERATION COMMUNICATION	Construction Appron	Noi YEARS	SCOPE 11,400	SF	COST (\$000) 1,300	(Dat	te)
	Un 9. LAND 10. PROJ CATEGORY CODE 141-753	ACQUISITION ECTS PLANT ADD TO ATO OPERATION COMMUNICATION	Construction Appron	Noi YEARS	SCOPE 11,400	SF	COST (\$000) 1,300	(Dat	te)

#### 1. COMPONENT 2. DATE FY 1995 GUARD AND RESERVE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION SALT LAKE CITY INTERNAT'L APT ANG UTAH 11. PERSONNEL STRENGTH AS OF 30 JUN 93 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 461 26 376 59 1,681 189 1,492 ACTUAL 461 376 59 1,594 1,414 26 180

12.	RESERVE	UNIT	DATA
		UNI	DESI

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
НQ	UT ANG		30	25
106	ACS		89	82
109	ACS		91	100
130	EIS SQ		228	209
HQ	AREFG6		69	70
151	MSS SQ		46	47
151	CAMS		359	327
151	CLINIC		55	53
151	CEG SQ		171	151
151	SEP FT		75	74
151	RMS SQ		121	118
151	CS		40	43
151	SVS FT		27	25
169	ESS SQ		98	89
191	AREFS		74	71
299	RES SQ		108	103
151	CFT		0	7
		TOTALS	1,681	1,594

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	10	10
Support Equipment	175	160
Vehicle Equivalents	689	689

1. COMPONENT	FY 1995 GUARD AND	RESERVE			2. DATE	3
ANG	MILITARY CONSTR					
3. INSTALLATION EWVRA SHEPHERD F						CONSTR INDEX
					<u> </u>	83
Twelve monthly a	O TYPE OF UTILIZATION assemblies per year, 15 by technician/AGR force				ning per	•
	GUARD/RESERVE INSTALLAT Guard Armories, 3 Army					
7. PROJECTS REQU	JESTED IN THIS PROGRAM:	FY 1995	·	COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE		(\$000)	START	
124-135 REPLACE	UNDERGROUND STORAGE TANKS	٠	LS	500	NOV 91	AUG 93
					<del></del>	
	E FORCES FACILITIES BOAR L Construction Approved	D RECOMMEN	DATIO	N	16 DEC	
	Construction Approved	D RECOMMEN	DATIO		(Dat	:e)
Unilateral 9. LAND ACQUISIT	CONSTRUCTION Approved	None	DATIO			:e)
Unilateral 9. LAND ACQUISIT	Construction Approved	None	DATIO		(Dat	:e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA	CONSTRUCTION Approved	None		(N	(Dat	:e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral 9. LAND ACQUISIT 10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral 9. LAND ACQUISIT 10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral 9. LAND ACQUISIT 10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved  FION REQUIRED  ANNED IN NEXT FOUR YEARS	None		COST	(Dat	:e)

#### 1. COMPONENT FY 1995 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION EWVRA SHEPHERD FIELD ANG, WEST VIRGINIA 11. PERSONNEL STRENGTH AS OF 30 JUN 93 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED **AUTHORIZED** 315 28 271 16 1,228 206 1,022 ACTUAL 302 27 260 15 1,147 199 948 12 RESERVE UNIT DATA

14.	RESERVE	OMII	DATA	
		UNI	DESIGNATION	

		STREN	GTH
IIT DESIGNATION		AUTHORIZED	ACTUAL
167 TAG HQ		63	59
167 TAL SQ		130	127
167 MSS SQ		45	38
167 CAM SQ		264	241
167 TCI CI		73	61
167 CEG SQ		148	125
167 SEP FT		57	52
167 MAP HQ		106	95
167 AE FT		157	132
167 RMS SQ		120	112
167 MSS FT		38	33
167 SVS FT		27	17
8167 STU FT		0	55
	TOTALS	1,228	1,147

- CONTRACTOR

ТУРЕ	AUTHORIZED	ASSIGNED
C-130E Aircraft	12	12
Support Equipment	251	241
Vehicle Equivalents	436	446

1. COMPONENT									2.	DATE
	F	Y 1995 MILITARY CO	ONSTRUC	rion	PRO	DJECT	DATA	1	ĺ	
ANG		(compute	er gene	rate	(d)					
3. INSTALLATION	I ANI	LOCATION		4.	PRO.	JECT I	ITLE	3	•	
				REP	LACI	E UNDE	RGRO	DUND		
EWVRA SHEPHERD	FIE	LD ANG WEST VIRGI	NIA	FUE	L S	CORAGE	TAN	<b>IKS</b>		
5. PROGRAM ELEN	ŒNT	6. CATEGORY CODE	7. PRO	JECT	. NUI	MBER	8. F	PROJE	CT (	COST(\$000
55256F		124-135	PJV	<u> </u>	650					\$500
		9. COS	r estim	ATES	<u>.                                    </u>					
								UNI	_	COST
		ITEM				THAUO	YTI	cos	<u> </u>	(\$000)
		D FUEL STORAGE TAI	nks		LS					390
SUPPORTING FACT	[LIT]	IES		İ						40
UTILITIES					LS					( 5)
PAVEMENTS					LS					( 5)
SITE RESTORAT	CION			i	LS					(30
SUBTOTAL				- 1		į				430
CONTINGENCY (10	•			l						43
TOTAL CONTRACT		<del></del>								473
	NSPE(	CTION AND OVERHEAD	D (5%)	j				1		24
TOTAL REQUEST	_									497
TOTAL REQUEST	(ROU	NDED)		,		]		ŀ		500
•										
										Ì
				l				l		Į
				1		1		}		}
						1		l		1

10. Description of Proposed Construction: Replace 7 tanks and remove only 4 others. Excavate and remove the tanks. Dispose of the tanks, tank residue and the contaminated soil. Restore the sites.

11. REQUIREMENT: As required.

PROJECT: Replace Underground Fuel Storage Tanks (UST)(Current Mission).
REQUIREMENT: This is a level II environmental compliance project.
Upgrade all USTs regulated by 40 CFR 280 to new construction standards.
The Federal Environmental Protection Agency (EPA) has set standards that require each regulated UST to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible.

CURRENT SITUATION: The USTs at this base have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the base is subject to Notice of Violations by the Federal and/or State EPA.

IMPACT IF NOT PROVIDED: Non-compliance with Statutes. The State and County may issue restraints and/or Notices of Violations and fines. Any leakage has the potential to contaminate the soil and aquifer. The ANG training could be curtailed and the ANG could receive unfavorable publicity.

. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ng	(computer generated)	
. INSTALLATI	ON AND LOCATION	
WVRA SHEPHER	D FIELD ANG WEST VIRGINIA	
. PROJECT TI		. PROJECT NUMBER
	Choling with chops of manys	D 1101000 ( FO
SPLACE UNDER	GROUND FUEL STORAGE TANKS	PJVY909650
2. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
(1) St		
	Date Design Started	91 NOV 0
	Percent Complete as of Jan 94 Date 35% Designed	1009 93 MAR 19
	Date Design Complete	93 AUG 1
(2) Ba	sis: Standard or Definitive Design -	
	Where Design Was Most Recently Used -	
	tal Cost (c) = (a) + (b) or (d) + (e):	(\$00
	Production of Plans and Specifications	2
	All Other Design Costs Total	1:
	Contract	3
	In-house	
(4) C	enstruction Start	95 JU
4	associated with this project will be provided	lfrom
ther appropi	riations: N/A	
	·	
	•	

1. COMPONENT ANG	FY 1995 GUARD AN MILITARY CONST			2. DATE	
	. INT'L AIRPORT WISCONS	SIN		4. AREA COST	INDEX
Four unit traini	TYPE OF UTILIZATION  ng assemblies per mont  by technician/AGR fore				
ll Army Reserve	GUARD/RESERVE INSTALLA Armories, 5 Army Natio ir Force Reserve Facil	onal Guard Armo			ine
7. PROJECTS REQU CATEGORY CODE	PROJECT TITLE	: FY 1995 SCOPE	COST (\$000)	DESIGN START	
821-116 REPLACE	CENTRAL HEAT PLANT	L	S 800	SEP 93	JUN 94
	FORCES FACILITIES BOA. Construction Approved		rion	21 OCT	
Unilateral	Construction Approved			(Dat	e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA	Construction Approved	None	(N		e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA	Construction Approved	None		(Dat	e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved	None RS	COST	(Dat	e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved	None RS	COST	(Dat	e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved	None RS	COST	(Dat	e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved	None RS	COST	(Dat	e)
Unilateral  9. LAND ACQUISIT  10. PROJECTS PLA CATEGORY	Construction Approved	None RS	COST	(Dat	e)

1. COMPONENT	FY 1995	GUARD AND RESERVE	 2. DATE
ANG	MILITA	RY CONSTRUCTION	
3. INSTALLATION	AND LOCATION		•
GENERAL MITCHELL	INT'L AIRPORT	WISCONSIN	
11. PERSONNEL ST	RENGTH AS OF 3	30 SEP 93	 
11. PERSONNEL ST	RENGTH AS OF 3	30 SEP 93	
11. PERSONNEL ST		O SEP 93	GUARD/RESERVE

1,070

12.	RESERVE UNIT DATA	
		ST
	UNIT DESIGNATION	AUTHORIZED
	124 ADERS	7.4

AUTHORIZED

ACTUAL

		STREN	GTH_
NIT DESIGNATION		AUTHORIZED	ACTUAL
126 AREFS		74	71
126 WEA FT		13	9
128 ARG		69	63
128 CLM SQ		354	325
128 MSS SQ		46	45
128 TCI CI		55	55
128 CEG SQ		159	145
128 SVS FT		27	22
128 SEP FT		75	74
128 MSS FT		37	40
128 RMS SO		120	111
8128 STU FT		41	31
	TOTALS	1,070	991

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	10	10
Support Equipment	179	107
Vehicle Equivalents	288	243

1. COMPONENT	FY 1995 MILITARY CONSTRU	CTION PROJECT DATA	2. DATE
ANG	(computer gen	erated)	
3. INSTALLATION	N AND LOCATION	4. PROJECT TITLE	

GENERAL MITCHELL INT'L AIRPORT WISCONSIN | REPLACE CENTRAL HEAT PLANT

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER | 8. PROJECT COST(\$000)

55256F 821-116 HTUV939706 \$800

ITEM U/M ( REPLACE CENTRAL HEAT PLANT LS SUPPORTING FACILITIES UTILITIES LS PAVEMENTS LS SITE IMPROVEMENTS LS	OUANTITY	UNIT COST	COST (\$000) 310 380 ( 80)
REPLACE CENTRAL HEAT PLANT SUPPORTING FACILITIES UTILITIES PAVEMENTS LS LS			310 380
DEMOLITION ASBESTOS REMOVAL SUBTOTAL CONTINGENCY (10%) TOTAL CONTRACT COST SUPERVISION, INSPECTION AND OVERHEAD (5%) TOTAL REQUEST TOTAL REQUEST (ROUNDED)			( 25) ( 50) ( 90) ( 135) 690 69 759 38 797 800

10. Description of Proposed Construction: Demolition of the existing hot water distribution system serving 7 buildings. Installation of packaged heating systems in each affected building. All utilities and support. Demolish a portion of Building 104 (600 SF), the central heating plant attached to the hangar.

11. REQUIREMENT: As required.

PROJECT: Replace Central Heat Plant (Current Mission).

REQUIREMENT: This is a level II environmental compliance project. The base requires an adequate heating system which is economical to operate and maintain and does not pollute the air and ground water. This project includes Buildings 104, 105, 106, 107, 108, 109, and 112. CURRENT SITUATION: The base has an antiquated central heating plant which serves seven buildings through a system of approximately 1 mile of underground and above ground high temperature hot water lines. The central plant has old boilers which are uneconomical to operate. The plant emissions do not meet Federal and State air quality standards. There are numerous health and safety violations. The pipes have asbestos insulation. The lines serving the buildings are old and poorly insulated. There are numerous and substantial losses of energy through leaks. need immediate replacement. The electrical connections are old and corroded. It is uneconomical to upgrade the heating plant system. The plant must be operated thoughout the year to allow the production of hot water to the various buildings. This project will provide smaller energy efficient easier to maintain heating units that do not pollute.

. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA		. DA	71 E	
NG	(computer generated) N AND LOCATION	<u>_</u>			
. INSTALLATIU	N AND LOCATION				
ENERAL MITCHE	LL INT'L AIRPORT WISCONSIN		_		
. PROJECT TIT	LE 5	. PROJ	ECT	NUM	BER
EPLACE CENTRA	I HEAT DIANT	HTUV	030.	706	
THACE CENTRA	u mai tuani	HIOV	737	/ 00_	
2. SUPPLEMEN	TAL DATA:				
a. Estimate	d Design Data:				
(1) Sta	tus:				
	Date Design Started		93	SEP	
	Percent Complete as of Jan 94				35%
	Date 35% Designed Date Design Complete			JAN JUN	
(a)	Pace nestBu combiece		74	2014	υı
(2) Bas					
	Standard or Definitive Design -				
(p)	Where Design Was Most Recently Used -				
(3) Tot	al Cost (c) = (a) + (b) or (d) + (e):			(\$	000
	Production of Plans and Specifications			•	42
	All Other Design Costs				21
	Total				63
	Contract In-house				63
(e)	in-nouse				
(4) Con	struction Start			95	JUL
	associated with this project will be provided	from			
ther appropri	ations: N/A				

1. COMPONENT	FY 1995 GUARD A	ND RESERVE		2. DATE	
ANG	MILITARY CONS				
	ON AND LOCATION			4. AREA	
TRUAX FIELD,	WISCONSIN				INDEX
FREGUENCY	AND TYPE OF UTILIZATION			<del> </del>	02
	y assemblies per year, 1 use by technician/AGR for			ning per	
	VE/GUARD/RESERVE INSTALL nal Guard Center, 2 Army				rve
	REQUESTED IN THIS PROGRAM	: FY 1995			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
	TO AND ALTER AIRCRAFT POORT EQUIPMENT SHOP/STOR	6,300 SF	340	APR 93	JUL 9
	RVE FORCES FACILITIES BO		ON	21 OCT	
Unilate				(Dat	e)
Unilate  D. LAND ACQUI  LO. PROJECTS	eral Construction Approve	None	(N		e)
Unilate  D. LAND ACQUI  LO. PROJECTS	eral Construction Approve	None		(Dat	e)
Unilate  O. LAND ACQUI  O. PROJECTS CATEGORY CODE  124-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST	(Dat	e)
Unilate  LAND ACQUI  O. PROJECTS  ATEGORY  CODE  .24-135 JET	eral Construction Approve SITION REQUIRED PLANNED IN NEXT FOUR YEA PROJECT TITLE	None  RS  SCOPE  LS	COST (\$000)	(Dat	e)
Unilate  LAND ACQUI  O. PROJECTS ATEGORY CODE  24-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST (\$000) 4,150	(Dat	e)
Unilate  LAND ACQUI  O. PROJECTS ATEGORY CODE  24-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST (\$000) 4,150	(Dat	e)
Unilate  O. LAND ACQUI  O. PROJECTS CATEGORY CODE  24-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST (\$000) 4,150	(Dat	e)
Unilate  O. LAND ACQUI  O. PROJECTS CATEGORY CODE  124-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST (\$000) 4,150	(Dat	e)
Unilate  D. LAND ACQUI  O. PROJECTS CATEGORY CODE  124-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST (\$000) 4,150	(Dat	e)
Unilate  O. LAND ACQUI  O. PROJECTS CATEGORY CODE  124-135 JET	eral Construction Approve SITION REQUIRED  PLANNED IN NEXT FOUR YEA  PROJECT TITLE  FUEL STORAGE COMPLEX	None  RS  SCOPE  LS	COST (\$000) 4,150	(Dat	e)

1. COMPONENT ANG			GUARD AND			2. DA	TE
3. INSTALLATI TRUAX FIELD,		LOCATION		_			
11. PERSONNEL	STRENG	TH AS OF	7 JUL 93				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	390	27	296	67	1,077	122	955
ACTUAL	340	26	249	65	1,007	119	888

12. RESERVI	E UNIT DAT	'A			
				STREN	GTH
	UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
	128	TAC WG		59	56
	176	TAC SQ		49	50
	115	SPF		57	56
	115	RMS		120	116
1	115	CES		124	113
	115	TAC CL		66	63
	115	CAM		460	416
	115	SVF		25	25
	115	MSF		40	39
	HQ	WI ANG		32	31
	115	MSS		45	42
			TOTALS	1,077	1,007

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-16 Aircraft	18	18
C-130 Aircraft	1	1
Support Equipment	127	121
Vehicle Equivalents	332	343

1. COMPONE						1	
ANG		1995 GUARD AND ILLITARY CONSTR				2. DATE	
	ATION AND LOCAT		OCTION	<del></del>		4. AREA	CONSTR
	AIR NATIONAL G		CONSIN			COST	INDEX
Year round	ICY AND TYPE OF l operational tr ad Guard compone	aining of Air					
	CTIVE/GUARD/RES		CIONS WITHI	N 15	MILE RA	DIUS	
	S REQUESTED IN	THIS PROGRAM:	FY 1995	***			
CATEGORY CODE	PROJECT	TITLE	SCOPE		COST (\$000)	DESIGN START	
179-511 F	REGIONAL FIREMEN	TRAINING		LS	700	JUN 93	APR 94
8. STATE I		•					
	RESERVE FORCES F ateral Construc	tion Approved		DATI	ON	21 OCT (Dat	
		tion Approved	D RECOMMEN	DATI		(Dat	e)
9. LAND AC	ateral Construc	RED	None	DATI	(N		e)
9. LAND AC	ateral Construc	RED TEARS	None	DATI		(Dat	e)
9. LAND ACTOR OF CATEGORY  CODE  214-425	ateral Construction REQUISITION REQUIESTS PLANNED IN N	TITLE  VEHICLE	None		COST	(Dat	e)
9. LAND ACTOR OF THE PROJECT OF THE	ateral Construction Requication Requiests PLANNED IN Management PROJECT	ETION Approved  RED  VEXT FOUR YEARS  TITLE  R VEHICLE  RPLEX SE IGLOOS	None SCOPE	SF SF	COST (\$000)	(Dat	e)
9. LAND ACTOR OF THE PROJECT OF THE	ADD TO AND ALTER MAINTENANCE COM TUNITIONS STORAGE	ETION Approved  RED  VEXT FOUR YEARS  TITLE  R VEHICLE  RPLEX SE IGLOOS	None <u>SCOPE</u> 31,850  3,600	SF SF	COST (\$000) 2,500 700	(Dat	e)

1. COMPONENT ANG		MILIT	GUARD AND			2. DA	TE
3. INSTALLATI OLK FIELD AI			BASE, WIS	CONSIN			
11. PERSONNEL	STRENG	TH AS OF	31 JUL 93			<del></del>	
		PEI	RMANENT		GU	ARD/RES	ERVE
			ENLISTED				ENLISTE
AUTHORIZED ACTUAL	159 159	12 12	75 75	72 72	208 184	23 20	185 164
12. RESERVE U	NIT DAT	A			TRENGTH	<del>, a </del>	<del></del>
	UNIT DE	SIGNATION	4	AUTHORIZE		TUAL	
	VOLK	CRTC		87		87	
	128	AC SQ	TOTALS	<u> 121</u> 208	_	<u>97</u> 184	
					,		
	IPMENT	AND AIRCI	RAFT		-		
13. MAJOR EQU							
13. MAJOR EQU	YPE			<u>AUTHOR1ZE</u>	D AS	SIGNED	

1. COMPONENT									2	. DAT	E
}	FY 19	95 MILITA	ARY CO	)NS	TRUCT	ION	PROJECT	DAT	ra		
ANG		(c	ompute	75	genera	ated	)				
3. INSTALLATION	AND LO	CATION			14	4. P	ROJECT	TITI	E		
VOLK FIELD AIR N.	TIONA	L GUARD	BASE		1	REGI	ONAL FI	REMI	EN TRAIN	IING	
WISCONSIN					1	FACI	LITY				
5. PROGRAM ELEME	TT 6.	CATEGORY	CODE	7.	PROJ	ECT	NUMBER	8.	PROJECT	COST	(\$000)
55256F		179-511			YAOF	8897	62			\$7	700
	·	9	. cos	E	STIMA'	TES					
						T	1		LUNTT	1 6	ጎ ር ጥ

9. COST ESTIMAT	ES			
			UNIT	COST
ITEM	_U/M	QUANTITY	COST	(\$000)
REGIONAL FIREMEN TRAINING FACILITY	LS	1		500
SUPPORTING FACILITIES		]		135
UTILITIES	LS			( 65)
PAVEMENTS	LS			( 50)
SITE IMPROVEMENTS	LS			(_20)
SUBTOTAL		.		635
CONTINGENCY (5%)	1			32
TOTAL CONTRACT COST	1	<b>\</b>		667
SUPERVISION, INSPECTION AND OVERHEAD (5%)	F	1		33
TOTAL REQUEST	1			700
TOTAL REQUEST (ROUNDED)	ł			700
	1	1		1
	-			
	ĺ	}		]
	1			
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	}	]		1
1	1	1	1	1

10. Description of Proposed Construction: A four story brick and block smoke training building, a burn/draft pit with large and small aircraft mock ups and a metal/masonry observation tower. Provide for utilities, pavements, and site improvements. Provide environmental controls.

11. REQUIREMENT: As required.

PROJECT: Regional Firemen Training Facility (Current Mission).

REQUIREMENT: A regional fire training facility is required at Volk Field
Combat Readiness Training Center. The base requires a properly designed,
correctly configured, and environmentally safe fire training facility to
support training for visiting units, base auxiliary fire fighters, and
deployed fire-fighters.

CURRENT SITUATION: Volk Field is an ANG operated regional training base used by the total force. Rather than construct a training facility at each base, the ANG has elected to locate the fire training facilities at regional training bases. Volk Field does not have an adequately sized, properly equipped, or environmentally approved fire training pit to accomplish the required training of the units that deploy to Volk Field. Personnel accomplish the mission essential training in a makeshift or simulated environment that does not properly satisfy the training required to learn and to perform properly in real life situations.

IMPACT IF NOT PROVIDED: Unable to to provide realistic training to the deployed units. Decreased experience and readiness. Potential environmental problems. Increased operating costs.

<u>ADDITIONAL</u>: There are numerous ANG locations that have the requirement for this type of training. This project will serve as a regional training center for other ANG locations.

1. COMPONENT	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	
3. INSTALLATIO	ON AND LOCATION	
VOLK FIELD AIR	R NATIONAL GUARD BASE WISCONSIN	
4. PROJECT TIT		PROJECT NUMBER
DDG16W11 D-DD		W. 07000760
REGIONAL FIREM	MEN TRAINING FACILITY	YA0F889762
12. SUPPLEMEN	NTAL DATA:	
a. Estimate	ed Design Data:	
(1) Sta		
	Date Design Started	93 JUN 15
	Percent Complete as of Jan 94 Date 35% Designed	65% 93 SEP 30
	Date Design Complete	94 APR 15
(2) Bas		
	Standard or Definitive Design -	
(0)	Where Design Was Most Recently Used -	
(3) Tot	tal Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000)
	Production of Plans and Specifications	30
	All Other Design Costs	12
	Total Contract	42
	In-house	42
• •	nstruction Start	95 JUL
(,,		,,,
b. Equipment other appropri	associated with this project will be provided iations: N/A	from

1. COMPONENT	FY 1995 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATION	AND LOCATION	4. AREA CONSTR
PUERTO RICO IAI	P, PUERTO RICO	COST INDEX
		1 12

5. FREQUENCY AND TYPE OF UTILIZATION

Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.

6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 1 Air National Guard Unit, 1 Active Army Unit, 8 Army National Guard Units, 3 Army Reserve Units and 2 Naval Units.

7. PROJEC CATEGORY CODE	PROJECT TITLE	FY 1995 SCOPE	COST (\$000)	DESIGN START	
124-135	REPLACE UNDERGROUND FUEL STORAGE TANKS	LS	590	MAR 93	APR 94
211–159	ADD TO AND ALTER AIRCRAFT CORROSION CONTROL FACILITY	7,000 SF	750	DEC 92	JUN 94

Unilateral Construction Approved	<u>17 SEP 92</u> (Date)		
9. LAND ACQUISITION REQUIRED	None	(Numb	er of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY  CODE PROJECT TITLE	SCOPE	COST (\$000)	
214-467 VEHICLE REFUELING SHOP AND PAINT BAY	2,700 SF	460	·
216-642 MUNITIONS MAINTENANCE AND STORAGE COMPLEX	17,900 SF	3,850	
730-142 FIRE STATION 872-841 UPGRADE SECURITY SYSTEM	10,600 SF LS	1,900 1,200	

8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION

1. COMPONENT	FY 1995 GUARD AND RESERVE 2. DATE					TE	
ANG	MILITARY CONSTRUCTION						
3. INSTALLATI	ON AND	LOCATION				••••	
PUERTO RICO I							
LOPKIO KICO I	Ar, FUE	KIO KICO					
11 DEDGARDER							
11. PERSONNEI	. STRENG	TH AS OF	17 SEP 93				
II. PERSUNNEI	. STRENG	TH AS OF	17 SEP 93				
II. PERSUNNEI	. STRENG		17 SEP 93			GUARD/RES	ERVE _
II. PERSUNNEI	TOTAL			CIVILIAN	TOTAL	GUARD/RES OFFICER	ERVE ENLISTED
AUTHORIZED		PER	MANENT	CIVILIAN 43			

1 2	RESERVE	TTRT T 170	DATE
1.2	Kr.Sr.Kvr.	TIMI	DAIA

ONII DAI	A		STREM	IGTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
156	TFG SQ		59	49
156	FG OL		9	6
198	FS		49	49
156	MSS		45	44
156	CAM		459	456
156	CLN		73	67
156	TAC OL		3	3
156	RMS		120	117
156	CES		124	119
156	SPF		57	57
156	MSF		45	42
156	SVF		34	34
		TOTALS	1,077	1,043

TYPE	AUTHORIZED	ASSIGNED
C-26 Aircraft	1	1
F-16 Aircraft	18	20
Support Equipment	110	92
Vehicle Equivalents	104	93

1. COMPONENT 2. DATE FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE REPLACE UNDERGROUND PUERTO RICO IAP PUERTO RICO FUEL STORAGE TANKS 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) TUMR909610 55256F 124-135 \$590 9. COST ESTIMATES UNIT COST U/M QUANTITY COST (\$000) ITEM REPLACE UNDERGROUND FUEL STORAGE TANKS 440 SUPPORTING FACILITIES 60 UTILITIES LS 10) **PAVEMENTS** LS 10) SITE RESTORATION LS 40) SUBTOTAL 500 CONTINGENCY (10%) 50 TOTAL CONTRACT COST 550 SUPERVISION, INSPECTION AND OVERHEAD (6.5%) 36 TOTAL REQUEST 586 TOTAL REQUEST (ROUNDED) 590 10. Description of Proposed Construction: Replace 11 tanks (8 tanks at the air base, 1 tank at Punta Salinas, and 2 tanks at St Croix). Remove only I tank at Punta Borinquen. Excavate and remove the tanks. Dispose of the tanks, tank residue and contaminated soil. Provide new above ground tanks. Provide utilities, pavements and site restoration. 11. REQUIREMENT: As required. PROJECT: Replace Underground Fuel Storage Tanks (UST) (Current Mission). REQUIREMENT: This is a level II environmental compliance project. Upgrade all USTs regulated by 40 CFR 280 to new construction standards. The Environmental Protection Agency (EPA) has set standards that require that all regulated USTs to have leak detection, corrosion protection, and spill/overflow prevention systems by December 1998. If USTs are to be replaced, it is Air Force policy to replace them with above ground tanks or to relocate them into underground vaults if possible. CURRENT SITUATION: The USTs at these bases have exceeded their design lives and are in need of replacement. All tanks are out of compliance with the 1998 EPA standards. All the regulated USTs require annual tightness testing, daily fluid level monitoring and monthly inventory reconciliation and control. If these tasks are not performed, the bases are subject to Notice of Violations from Federal and/or Commonwealth EPA. IMPACT IF NOT PROVIDED: Non-compliance with Statutes. Authorities may issue restraints and/or Notices of Violations and fines. Any leakage could have the potential to contaminate the soil, aquifers and ocean. The ANG training could be curtailed and the ANG could receive unfavorable

publicity.

. COMPONE	· <del>-</del> [	TARY CONSTRUCTION PROJECT	2. DATE
NG		computer generated)	L DATA
. INSTALI	TION AND LOCATION		
ודסיים פו	IAP PUERTO RICO		
. PROJECT		<del></del>	5. PROJECT NUMBER
EPLACE UI	ERGROUND FUEL STORA	AGE TANKS	TUMR909610
2. SUPPI	MENTAL DATA:		
a. Est	nated Design Data:		
(1)	Status:		
	(a) Date Design Sta		93 MAR 24
	(b) Percent Complet		65%
	<ul><li>(c) Date 35% Design</li><li>(d) Date Design Con</li></ul>		93 SEP 30 94 APR 14
	'm' nace hearRu con	mbrece	94 APK 14
(2)	Basis:		
	(a) Standard or Dei	<del>-</del>	
	(b) Where Design Wa	as Most Recently Used -	
(3)	Total Cost (c) = (a	a) + (b) or (d) + (e):	(\$000
		Plans and Specifications	30
	(b) All Other Desig	gn Costs	12
	(c) Total		42
	(d) Contract (e) In-house		42
	e) In-nouse		
(4)	Construction Start		95 JUN
. Equip	ent associated with	this project will be pro	ovided from
ther app	opriations: N/A		

1. COMPONENT						<del></del>		2.	DATE	
FY 1995 MILITARY CONSTRUCTION					TION PR	OJECT	DATA	1		
ANG (computer generat			rated)							
3. INSTALLATION AND LOCATION 4.				4. PRO	JECT '	TITLE	2			
A					ADD TO	ADD TO AND ALTER AIRCRAFT				
PUERTO RICO IAP PUERTO RICO CO					CORROS	CORROSION CONTROL FACILITY				
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJE			JECT NU	MBER	8. 1	PROJECT	COST(	(000\$		
:										
55256F 211-159 TUMRS			R929788		<u> </u>		\$750	<b>)</b>		
9. COST ESTIMATES										
				- 1	1		UNIT	co:	ST	
ITEM				U/N	QUAN	TITY	COST	(\$0	00)	
ADD/ALTER AIRCRAFT CORROSION CONTROL			SF	7,	000			336		
ADD CORROSION CONTROL			SF	1,	400	120	(	168)		
ALTER CORROSION CONTROL			SF	5,	600	30		168)		
SUPPORTING FACILITIES				1				300		
UTILITIES			LS	ì			(	50)		
PAVEMENTS			LS				(	40)		

LS

LS

10. Description of Proposed Construction: Add to and alter Building 19 to provide a Corrosion Control Facility. Project includes hangar doors and construction of rear wall, installation of ventilation system, oil/water separator, fire protection, and necessary utilities.

11. REQUIREMENT: 7,000 SF ADEQUATE: 0 SUBSTANDARD: 5,600 SF PROJECT: Add to and Alter Aircraft Corrosion Control Facility (Current Mission).

<u>REQUIREMENT</u>: This is a category II environmental compliance project. A corrosion control facility is required to properly maintain the F-16 aircraft.

CURRENT SITUATION: Corrosion control and fuel system maintenance are performed together under waivers in an open shelter with none of the required ventilation, drainage, air emission controls or fire detection/suppression system. Fuel cell operations occupy most of the facility. The F-16 aircraft requires increased fuel cell maintenance, which impacts the corrosion control activities. Puerto Rico IAP has a severely corrosive environment due to close proximity to the ocean. The aircraft require frequent washings. The facility does not have the proper environmental controls to meet air and water quality regulations. It does not have proper drainage with capability to separate oil and fuel from water and the washing chemicals. The system drains improperly and could contaminate off base areas.

IMPACT IF NOT PROVIDED: Inability to perform corrosion control on the new aircraft will result in mission degradation, insufficient mission sorties, and loss of training. Possible contamination of the ground and negative publicity.

SITE IMPROVEMENTS

FIRE SUPPRESSION

CONTINGENCY (10%)

TOTAL REQUEST

TOTAL CONTRACT COST

TOTAL REQUEST (ROUNDED)

SUPERVISION, INSPECTION AND OVERHEAD (6.5%)

SUBTOTAL

10)

200)

636

700

64

46

746

750

		AP PUERTO RICO		
. PROJEC	r tit	CLE	5. PROJECT	NUMBER
DD TO AN	D ALT	TER AIRCRAFT CORROSION CONTROL FACILITY	TUMR929	788
2. SUPP	Lemen	WTAL DATA:		
a. Est	imate	ed Design Data:		
(1)	Sta	atus:		
		Date Design Started	92	DEC 12
		Percent Complete as of Jan 94		40%
		Date 35% Designed Date Design Complete		NOV 30 JUN 01
	(a)	nace nearRu combiece	94	JOM OT
(2)	Bas	sis:		
<b>\</b> -/		Standard or Definitive Design -	•	
		Where Design Was Most Recently Used -		
(3)		tal Cost (c) = (a) + (b) or (i) + (e):		(\$000
		Production of Plans and Specifications		38
		All Other Design Costs		15
		Total		53
		Contract In-house		53
(4)	Con	nstruction Start		95 MAY
. Equip	ment	associated with this project will be pro-	vided from	
		iations: N/A	vided IIOm	
				•
			_	
			•	

1	ONSTRUCTION PROJECT DATA er generated)
3. INSTALLATION AND LOCATION	
VARIOUS LOCATIONS - WITHIN THE UN	NITED STATES
4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS \$400,000 AND UNDER - FY	95 VARIOUS

#### STATE AND LOCATION

PROJECT NUMBER

PROJECT TITLE

COST

CALIFORNIA

Moffett Field ANG

PN QMSN919682

Alter Vehicle Maintenance

400

Facility

Alter motor vehicle operations and training facility to accommodate refueler vehicles and to provide for an environmentally safe facility that will conform to strict California pollution standards. Remove asbestos. Upgrade to meet seismic standards. (Current Mission)

#### CALIFORNIA

North Highlands ANG Station

PN RZJQ939777

Replace Underground

Fuel Storage Tanks

400

Replace eight underground fuel storage tanks at two bases to conform to EPA regulations, to preclude contamination of the soil and aquifer, including all site work and restoration. (Current Mission)

#### COLORADO

Buckley Air National Guard Base

PN CRWU919593

Aircraft Wash and Deicing

400

Apron

Provides a deicing apron for the aircraft in winter months that will comply with all environmental rules. The apron will also serve as an outside washrack. (Current Mission)

#### IDAHO

Boise Air Terminal (Gowen Field)

PN BXRH939779

Upgrade Base Drainage

380

Upgrade base storm water drainage system by providing improved ditches, collection/retention and basins/structures to prevent oil/fuel polluted storm water from polluting base and local community. (Current Mission)

1. COMPONENT  FY 1995 MILITARY CONSTRUCTION PROJECT DATA ANG  (computer generated)	2. DATE
3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS - WITHIN THE UNITED STATES	
	ROJECT NUMBER

STATE AND LOCATION

PROJECT NUMBER PROJECT\_TITLE COST

Site 94-03 PN ATQZ939866

Aircraft Deicing Apron

400

Provides a deicing apron that will protect the environment by collecting and separating deicing fluid for disposal or reuse and not allow it to pollute off base waterways. (Current Mission)

MAINE

Bangor International Airport

PN FKNN939775

Refueling Vehicle Maintenance

379

Facility

Replaces the previous facility that was demolished for the expansion of the aircraft parking apron. It provides for the environmental controls that are critical with this type of facility. It also incorporates the required safety features. (Current Mission)

**MICHIGAN** 

Alpena County Regional Airport

PN TDVG909582

Replace Underground Fuel Storage Tanks

385

Replace eleven underground fuel storage tanks to conform to EPA regulations, to preclude contamination of soil and aquifer, including all site work and restoration. (Current Mission)

OHIO

Springfield Beckley Municipal Airport

PN WAAR909534 Replace Underground 400

Fuel Storage Tanks

Replace thirty underground fuel storage tanks to conform to EPA regulations, to preclude contamination of soil and aquifer, including all site work and restoration. (Current Mission)

	MILITARY CONSTRUCTION PROJ	ECT DATA	2. DATE
ANG 3. INSTALLATION AND LOCA	(computer generated) ATION		<del></del>
VARIOUS LOCATIONS - W	ITHIN THE UNITED STATES		
4. PROJECT TITLE	771	5. P	ROJECT NUMBER
PROJECTS \$400,000 AND	UNDER - FY 95	V	ARIOUS

STATE AND LOCATION PROJECT NUMBER

PROJECT TITLE

COST

OHIO

Toledo Express Airport (ANG)
PN WYTD939803 Aircraft Deicing Apron

320

Provides a deicing pad for the aircraft in winter months that will comply with all environmental rules. The pad will also serve as an outside washrack. (Current Missics)

HATU

Salt Lake City International Airport
PN USEB939573 Aircraft Washrack and Deice
Facility

400

Provides a deicing pad for the aircraft in winter months that will comply with all environmental rules. The pad will also serve as an outside washrack. (Current Mission)

WISCONSIN

Truax Field PN XGFG939516

Add to and Alter Aircraft Support Equipment Shop/Storage 340

Provides for an adequately sized facility that is necessary to maintain and repair the aircraft's ground support equipment. It also provides a covered facility to house the equipment to prevent premature corrosion and systems failure. (Current Mission)

1. COMPONENT	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			2.	DATE
1	Y 1995 MILITARY CO			DJECT DAT	A	
ANG		er generat				
3. INSTALLATION AND	PRO.	JECT TITL	E			
VARIOUS LOCATIONS (UNSPECIFIED) PLANNING AND DESIGN						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	r nu!	BER 8.	PROJECT	COST(\$000)
55296F	010-000	AAAA92	229930 \$11.532			
		ESTIMATE:	S			
					UNIT	COST
	ITEM			OUANTITY	COST	(\$000)
PLANNING AND DESIG	N		LS			11,532
SUBTOTAL	_		ļ			11,532
TOTAL CONTRACT COS	I		1			11,532
TOTAL REQUEST			]			11,532
TOTAL REQUEST (ROU	NDED)					11,532
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10. Description of Proposed Construction: The funds requested will provide for the final design of facilities and achieve full evaluation for each project in terms of technical adequacy and estimated cost. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Military Construction Programs.

REQUIREMENT: As required.

<u>REQUIREMENT</u>: The FY 95 design funds are needed to design projects for the FY 96 and 97 MILCON program.

CURRENT SITUATION: The SECDEF bottom up review and the downsizing of the Air Force has resulted in the transferring of additional missions such as the B-1, KC-135, C-130, and others to the ANG. The MILCON for these aircraft conversions are included in the FY 96-97 programs. The ANG requires the design money in FY 95 to insure the design milestones for FY 96 and FY 97 of 65% and 35% as mandated by DODI 1225.7 are met. The ANG design dollars have been totally depleted. This is the result of past congressional MILCON adds to the program without a corresponding increase in design money. For example, in FY 93 Congress added \$150 million in construction dollars and only \$5 million in design. This left a shortfall of approximately \$13 million in design.

IMPACT IF NOT PROVIDED: The ANG will not be able to execute the FY 96 and FY 97 design programs. Since the majority of the programs are in support of new missions, conversions, and environmental compliance, the projects cannot be included in the MILCON programs and submitted to Congress. Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of County. State. and Federal statutes. The ANG may receive

1. COMPONENT	2. DATE					
FY 1995 MILITARY CONSTRUCTION PROJECT DATA	A					
3. INSTALLATION AND LOCATION						
VARIOUS LOCATIONS (UNSPECIFIED)						
4. PROJECT TITLE 5. PROJECT NUMBER						
PLANNING AND DESIGN AAAA929930						
fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.						
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# DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1995

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313:

PLANNING AND DESIGN

\$11,532,000

#### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard.

#### PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of facilities and for achieving a full evaluation of each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT	2. DATE					
FY 1995 MILITARY CONSTRUCTION PROJECT DATA						
ANG (computer generated)						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
VARIOUS LOCATIONS (UNSPECIFIED) UNSPECIFIED MINOR CONSTRUCTION						
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT	ECT COST(\$000)					
55296F 000-000 AAAA929931	\$4,000					
9. COST ESTIMATES						
UNI						
U/M QUANTITY COS						
UNSPECIFIED MINOR CONSTRUCTION LS	4,000					
TOTAL CONTRACT COST	4,000					
TOTAL REQUEST	4,000					
TOTAL REQUEST (ROUNDED)	4,000					
Total andone (wooden)	1,000					
	[					
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	<b> </b>					

10. Description of Proposed Construction: Provides a lump sum for construction projects not otherwise authorized by law, having a funding of \$400,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature under the provisions of 10 U.S. C. 2233a.

11. REQUIREMENT: As required.

<u>REQUIREMENT</u>: This program provides the means of accomplishing projects not exceeding \$400,000 that are not now identified, but which are anticipated to arise during FY 94 and early FY 95 to satisfy critical, unforeseen mission requirements. These projects cannot wait for inclusion in the FY 96 MILCON.

CURRENT SITUATION: During this period, as the AF is cutting back, ANG will undergo numerous aircraft conversions and beddowns. Many urgent facility requirements not now identified may need to be done on an urgent basis to support the arrival of new aircraft and equipment. Past records indicate that additional conversion projects are identified by the Site Activation Task Force. This is a management team that arrives on base and conducts a program review to insure a successful and on time aircraft conversion. Unforseen and urgent environmental requirements to meet the State and Federal laws are also typical projects that must be accomplished.

# DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1995

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341:

UNSPECIFIED MINOR CONSTRUCTION

\$4,000,000

#### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates not exceeding \$400,000 which are not otherwise authorized by law.

### PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Minor Construction will finance projects for which the justification is such that they should not be included in the regular Military Construction Program for the Air National Guard and such that they exceed the minor construction work authorization in the Operations and Maintenance Appropriation.